

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

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09/23/2011

Jaclyn Sexton
Assistant District Attorney, Norfolk County

Dear ADA Sexton,

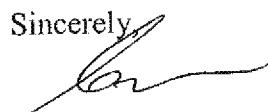
Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Kate Corbett.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples.

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,



Annie Dookhan
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- *Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- *Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.
- *Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.
- *Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- *Maintenance and repairs of all analytical instruments.
- *Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
- *Oversee the Quality Control/Quality Assurance program for the Drug Lab.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.
- *Notary Public.
- *Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- *Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
- *Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs).
- *Trained and supervised new chemists and interns for the department.
- *Routine QC testing of products for the FDA.
- *Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- *Calibration, preventive maintenance, QC and QA of analytical instrumentation.
- *Complete testing of chemicals for Vendor Validation Project for the FDA.
- *Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)
GLP/GMP training with Massachusetts Biologic Laboratory.
QC/QA training according to FDA Codes and Regulations.
GC and GC/MS trainings with Agilent Technologies and Restek.
HPLC and LC/MS/MS trainings with Waters Cooperation.
FTIR training with Spectros.
TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)
Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003

MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2003 – August 2005)

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

Intern (March 2003 – August 2003)

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts

Executive Office of Health and Human Services

Department of Public Health

State Laboratory Institute

Boston Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

Boston Hours

8:00 – 11:00

2:00 – 4:00

Amherst Hours

9:00 – 12:00

1:00 – 3:00

DRUG RECEIPT

City or Department: QUINCY Police Reference No. [REDACTED]

Name and Rank of Submitting Officer: DET. B. COEN / DET. W. WARD

Defendant(s) Name (last, first, initial):
[REDACTED]

To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight

Lab Number

| | | |
|---|---------|--|
| P/B OF BROWN ROCK/POWDER BLUE CONTAINER AND P/B CONTAINING WHITE POWDER | 4.26 gm | [REDACTED] |
| APPROX 12 1/2 ORANGE TABLETS | 4.28 gm | [REDACTED] |
| APPROX 15 GREEN TABLETS | 6.29 gm | [REDACTED] |
| 3 ORANGE TABLETS | 2.73 gm | [REDACTED] |
| 1 WHITE TABLET | 2.04 gm | [REDACTED] |
| 1 BLUE TABLET | 2.25 gm | [REDACTED] |
| 1 PINK TABLET | 2.73 gm | [REDACTED] |
| 1 GREEN/YELLOW CAPSULE | 2.01 gm | [REDACTED] |

Received by: [REDACTED] Date: [REDACTED]

[Signature]

11/5/16

No. [REDACTED]
City: Quincy Police Dept.
Officer: Detective WILLIAM WARD
Def: [REDACTED]

Date Analyzed: 2/22/11

Amount: [REDACTED] Subst: SUB
No. Cont: 1 Cont: pb

Date Rec'd: 11/05/2010

No. Analyzed:
Net Weight: 2.28

Gross Wt.: 4.26

Tests: 4A5
• 2CAC

Prelim: Heroin

Findings: Heroin

No. [REDACTED]
City: Quincy Police Dept.
Officer: Detective WILLIAM WARD
Def: [REDACTED]

Date Analyzed: 2/22/11

Amount: [REDACTED] Subst: SUB
No. Cont: 1 Cont: pb

Date Rec'd: 11/05/2010

No. Analyzed:
Net Weight: 0.51

Gross Wt.: 7.17

Tests: 6A5
• 2CAC

Prelim: Cocaine

Findings: Cocaine

No. [REDACTED]
City: Quincy Police Dept.
Officer: Detective WILLIAM WARD
Def: [REDACTED]

Date Analyzed: 02-15-11

Amount: 12.5 Subst: TAB
No. Cont: 1 Cont: pb

Date Rec'd: 11/05/2010

No. Analyzed:
Net Weight:

Gross Wt.: 4.28

Tests: 1A5L
PSD

Prelim: E

Findings: Alprazolam

No. [REDACTED]

Date Analyzed:

2/22/11

City: Quincy Police Dept.

Officer: Detective WILLIAM WARD

Def: [REDACTED]

Amount: 15.0 12.5

Subst: TAB

No. Cont: 1 Cont: pb

Date Rec'd: 11/05/2010

No. Analyzed:

Gross Wt.: 6.29

Net Weight:

Tests: 1A50
•2KA(C)

Prelim: Amphetamine B

Findings: Amphetamine

No. [REDACTED]

Date Analyzed:

2/22/11

City: Quincy Police Dept.

Officer: Detective WILLIAM WARD

Def: [REDACTED]

Amount: 3.0

Subst: TAB

No. Cont: 1 Cont: pb

Date Rec'd: 11/05/2010

No. Analyzed:

Gross Wt.: 2.73

Net Weight: 1.17

Tests: 1A50
•2KA(C)

Prelim: Buprenorphine B

Findings: Buprenorphine

No. [REDACTED]

Date Analyzed: 02-15-11

City: Quincy Police Dept.

Officer: Detective WILLIAM WARD

Def: [REDACTED]

Amount: 1.0

Subst: TAB

No. Cont: 1 Cont: pb

Date Rec'd: 11/05/2010

No. Analyzed:

Gross Wt.: 2.04

Net Weight:

Tests: 1A50

Prelim: E

Findings: Alprazolam

No. [REDACTED]

Date Analyzed: 02-15-11

City: Quincy Police Dept.

Officer: Detective WILLIAM WARD

Def: [REDACTED]

Amount: 1.0

No. Cont: 1 Cont: pb

Subst: TAB

Date Rec'd: 11/05/2010

Gross Wt.: 2.25

No. Analyzed:

Net Weight:

Tests: 1 ATL
ASD

Prelim: E

Findings: Sildenafl

No. [REDACTED]

Date Analyzed: 2/22/11

City: Quincy Police Dept.

Officer: Detective WILLIAM WARD

Def: [REDACTED]

Amount: 1.0

No. Cont: 1 Cont: pb

Subst: TAB

Date Rec'd: 11/05/2010

Gross Wt.: 2.73

No. Analyzed:

Net Weight:

Tests: 6452
• 2KAC

Prelim: ?

Findings: Negative

No. [REDACTED]

Date Analyzed: 2/28/11

City: Quincy Police Dept.

Officer: Detective WILLIAM WARD

Def: [REDACTED]

Amount: 1.0

No. Cont: 1 Cont: pb

Subst: CAP

Date Rec'd: 11/05/2010

Gross Wt.: 2.01

No. Analyzed:

Net Weight:

Tests: 6452
• 2KAC

Prelim: ?

Findings: Sildenafl

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED]

AGENCY QuincyANALYST PJ

No. of samples tested: _____

Evidence Wt: _____

PHYSICAL DESCRIPTION:Gross Wt (): 2.5915

Beige powdered & shiny
substance in 1 pb

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 2.2827

double capped

PRELIMINARY TESTS**Spot Tests**Cobalt
Thiocyanate (+) _____**Microcrystalline Tests**Gold
Chloride _____

Marquis + _____

TLTA () _____

Froehde's + _____

OTHER TESTS

Mecke's + _____

PRELIMINARY TEST RESULTS**GC/MS CONFIRMATORY TEST**

RESULTS Heroin _____

RESULTS Heroin _____

DATE 2-13-11MS
OPERATOR KACDATE 2-22-11

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Quincy ANALYST ADJ

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION: Gross Wt (): 0.6087

White powdered substance
in 1 pb

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 0.5187

also contained pc

double bagged

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (+)

Microcrystalline Tests

Gold
Chloride +

Marquis —

TLTA (+)

Froehde's —

OTHER TESTS

Mecke's —

PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 2-15-11

GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS
OPERATOR KAC

DATE 2-22-11

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Dunway ANALYST A37

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION: Gross Wt () : _____

14 green dual tablet
n-pb

Gross Wt () : _____

Pkg. Wt: _____

Net Wt: 2.2337

S1902

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Microcrystalline Tests

Gold
Chloride _____

Marquis _____

TLTA ()

Froehde's _____

OTHER TESTS

Mecke's _____

MnO₂ + C₆H₆ + (?)

PRELIMINARY TEST RESULTS

RESULTS Allegation

DATE 3-15-11

GC/MS CONFIRMATORY TEST

RESULTS _____

MS
OPERATOR _____

DATE _____

Drug Information

DRUG NAME: ALPRAZOLAM

INGREDIENTS: ALPRAZOLAM -- 1 MG

Color: Green

Shape: Oval

Imprint: S 902 The tablet is imprinted with S to the left of the bisect and 902 to the right of the bisect. , S902 The tablet is imprinted with S to the left of the bisect and 902 to the right of the bisect.

Form: Oral Tablet

Available-Container-Size: Bottle of 90 , Bottle of 100 , Bottle of 500 , Bottle of 1000

AAPCC Code: 007000 - Benzodiazepines

NDC: 67253-0902-09

67253-0902-10

67253-0902-50

67253-0902-11

Excipients: Lactose ; Magnesium Stearate ; Cellulose, Microcrystalline ; Silicon Dioxide ; Sodium Benzoate ; Starch (1500) ; GreenLake Blend ; Crospovidone ; Docusate Sodium

Regulatory Status: Schedule IV

Availability: United States

Product ID: 6828333

Contact: Dava Pharmaceuticals

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DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Quincy ANALYST ABG

No. of samples tested: _____ Evidence Wt: _____

PHYSICAL DESCRIPTION: Gross Wt (): _____

12.5 Orange Oval tablet Gross Wt (): _____

17.06 Pkg. Wt: _____

Net Wt: 4.3285

-310- -6-
974

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold
Chloride _____

TLTA ()

OTHER TESTS

Mnander A 10

PRELIMINARY TEST RESULTS

RESULTS Ameteketamine

DATE 2-15-11

GC/MS CONFIRMATORY TEST

RESULTS Ameteketamine

MS
OPERATOR ICare

DATE 2-22-11

Drug Information

DRUG NAME: DEXTROAMPHETAMINE SACCHARATE, AMPHETAMINE ASPARTATE, DEXTROAMPHETAMINE SULFATE, AMPHETAMINE SULFATE 30 MG TABLET

INGREDIENTS: DEXTROAMPHETAMINE SULFATE -- 7.5 MG
AMPHETAMINE SULFATE -- 7.5 MG
DEXTROAMPHETAMINE SACCHARATE -- 7.5 MG
AMPHETAMINE ASPARTATE -- 7.5 MG

Color: peach

NDC: 00555-0974-02

Shape: Oval

Regulatory Status: Schedule II

Imprint: B; 974; 3; 0

Availability: United States

Form: Tablet

Product ID: 6235447

Available-Container-Size: Bottle of
100

Contact: Barr Laboratories

AAPCC Code: 001000 -
Amphetamines and Related
Compounds

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DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Quincy ANALYST ADJ

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION: Gross Wt (): _____

3 orange hexagonal tablets

17.125

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 1.1750



PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate ()

Microcrystalline Tests

Gold Chloride _____

Marquis _____

TLTA ()

Froehde's _____

OTHER TESTS

Mecke's _____

Muscarine A + B

PRELIMINARY TEST RESULTS

RESULTS Buprenorphine

DATE 2-15-11

GC/MS CONFIRMATORY TEST

RESULTS Buprenorphine

MS OPERATOR KAE

DATE 2-22-11

Drug Information

DRUG NAME: SUBOXONE TABLET

INGREDIENTS: BUPRENORPHINE -- 8 MG
NALOXONE -- 2 MG

Color: orange

NDC: 12496-1306-02

Shape: Six-sided

Regulatory Status: Schedule III

Imprint: N8 Sword Logo

Availability: United States

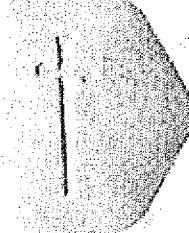
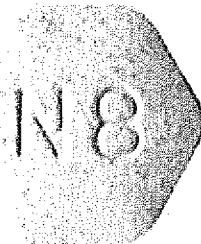
Form: Sublingual Tablet

Product ID: 6370996

Available-Container-Size: Bottle of 30

Contact: Reckitt Benckiser
Pharmaceuticals

AAPCC Code: 200625 -
Buprenorphine



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DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Quincy ANALYST ASO

No. of samples tested: _____ Evidence Wt: _____

PHYSICAL DESCRIPTION: Gross Wt (): _____

1 White rectangular tablet Gross Wt (): _____

17-² Pkg. Wt: _____

Net Wt: 0.2589

6/3/2012

1111

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold
Chloride _____

TLTA ()

OTHER TESTS

Muscadine A (R)

PRELIMINARY TEST RESULTS

RESULTS Alprazolam

DATE 02-15-11

GC/MS CONFIRMATORY TEST

RESULTS _____

MS
OPERATOR _____

DATE _____

Drug Information

DRUG NAME: ALPRAZOLAM

INGREDIENTS: ALPRAZOLAM -- 2 MG

Color: white

Shape: oblong, quadrisectioned scored

Imprint: G; 3722

Form: Tablet

Available-Container-Size: Bottle of 500 , Bottle of 100

AAPCC Code: 007000 - Benzodiazepines

NDC: 59762-3722-03

59762-3722-01

Excipients: Silicon Dioxide ; Lactose ; Cellulose ; corn starch ; Docusate Sodium ; Magnesium Stearate ; Sodium Benzoate

Regulatory Status: Schedule IV

Availability: United States

Product ID: 5274321

Contact: Greenstone

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DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Quincy ANALYST AS

No. of samples tested: _____ Evidence Wt: _____ ✓

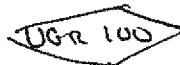
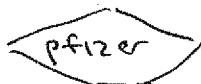
PHYSICAL DESCRIPTION: Gross Wt (): _____

1 blue diamond shaped
tablet w/ 1 pb.

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 0.6261



PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () _____

Marquis _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold
Chloride _____

TLTA () _____

OTHER TESTS

Manganese A () _____

PRELIMINARY TEST RESULTS

RESULTS sudan紅

DATE 2-25-11

GC/MS CONFIRMATORY TEST

RESULTS _____

MS
OPERATOR _____

DATE _____

Drug Information

DRUG NAME: VIAGRA

INGREDIENTS: SILDENAFIL CITRATE -- 100 MG

Color: blue

NDC: 00069-4220-30

Shape: Diamond , rounded

Excipients: microcrystalline cellulose ; dibasic calcium phosphate (ANHYDROUS) ; Croscarmellose

Imprint: Vgr; 100; Pfizer

Sodium ; Magnesium

Form: coated tablet

Stearate ; hydroxypropyl

Available-Container-Size: Bottle of 30

methylcellulose ; Titanium

AAPCC Code: 777774 - Other Types
of Vasodilator

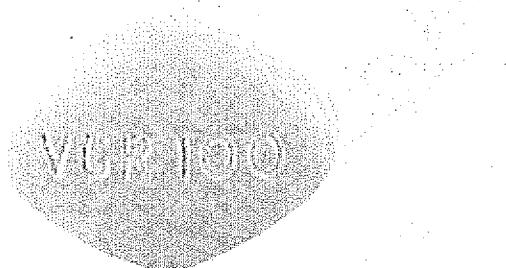
Dioxide ; Lactose ; Triacelin ; FD&C
Blue No. 2 (LAKE)

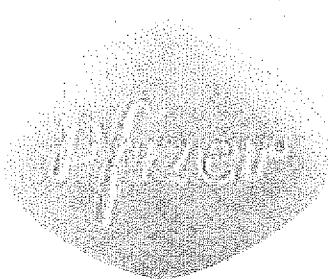
Regulatory Status: RX

Availability: United States

Product ID: 5685114

Contact: Pfizer





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DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Quincy ANALYST ASJ

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION: Gross Wt (): _____

1 white oval tablet

~ 40

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 1.09612



PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Microcrystalline Tests

Gold
Chloride _____

Marquis _____

TLTA ()

Froehde's _____

OTHER TESTS

Mecke's _____

DVA = -

GC +

PRELIMINARY TEST RESULTS

RESULTS Unknown

DATE 2-15-11

GC/MS CONFIRMATORY TEST

RESULTS Negative

MS
OPERATOR KAC

DATE 2-22-11

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Quincy ANALYST A37

No. of samples tested: _____ Evidence Wt. _____

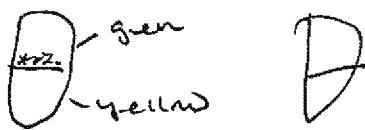
PHYSICAL DESCRIPTION: Gross Wt (): _____

1 green + yellow capsule
7-18

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 0.260g



PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate (-) -

Marquis _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold Chloride _____

TLTA () _____

OTHER TESTS

Dilute - _____

GC + _____

PRELIMINARY TEST RESULTS

RESULTS Unknown

DATE 2-15-11

GC/MS CONFIRMATORY TEST

RESULTS Sildenafil

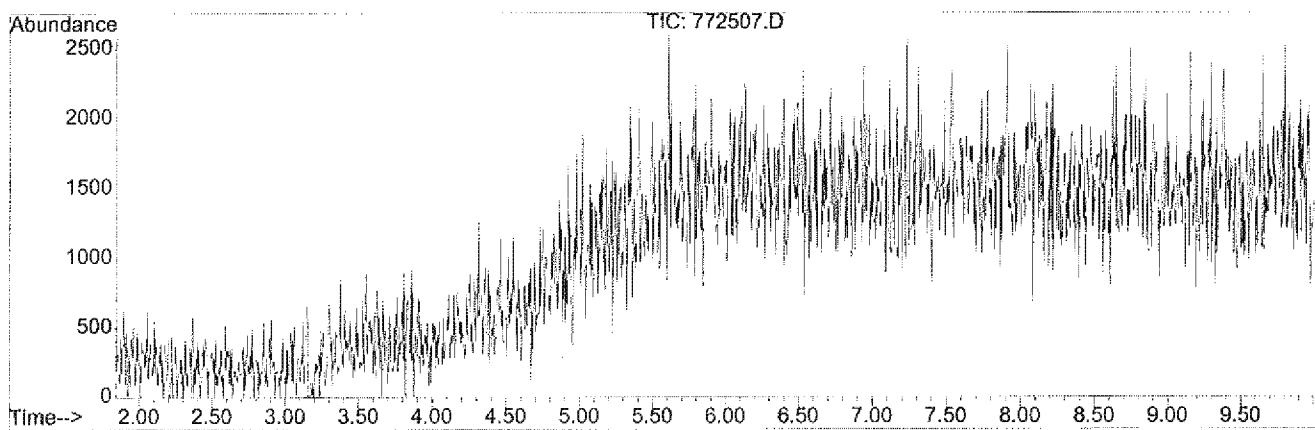
MS OPERATOR KAC

DATE 2-20-11

✓ RAE
9/19/11

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772507.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 11:52
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



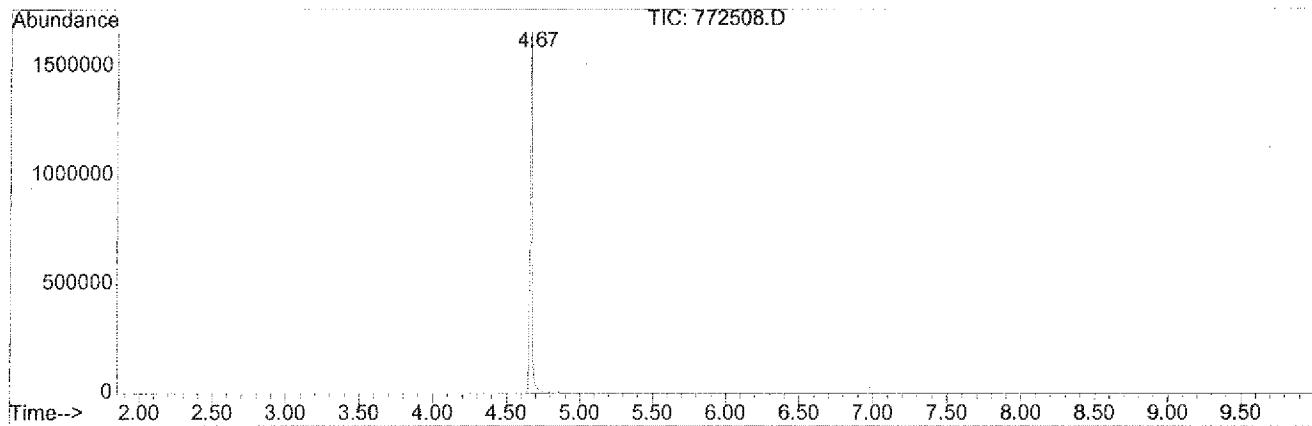
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772508.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 12:06
Sample Name : COCAINE STD
Submitted by :
Vial Number : 8
AcquisitionMeth: DRUGS
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 4.666 | 1775087 | 100.00 | 100.00 |

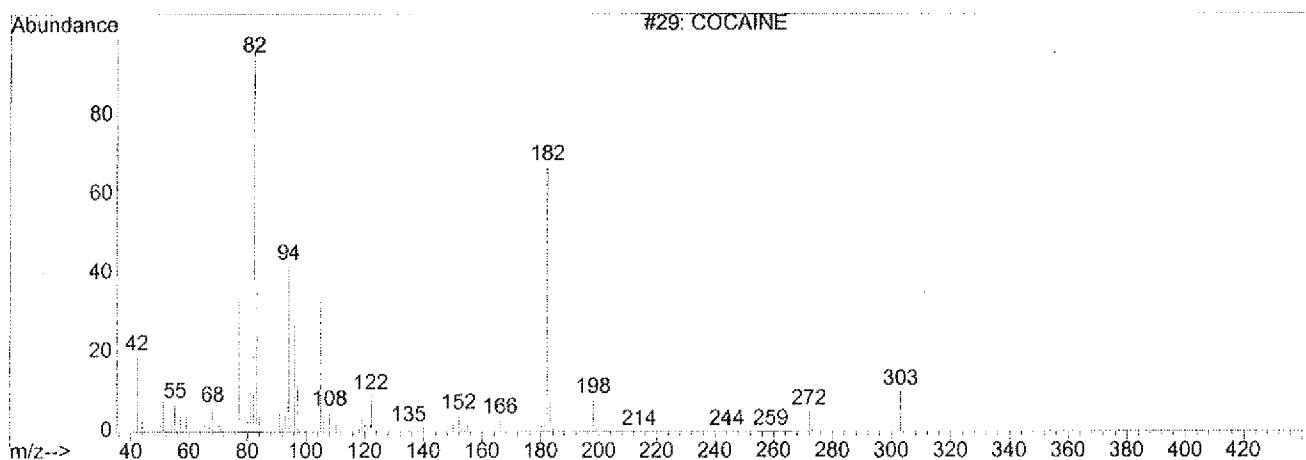
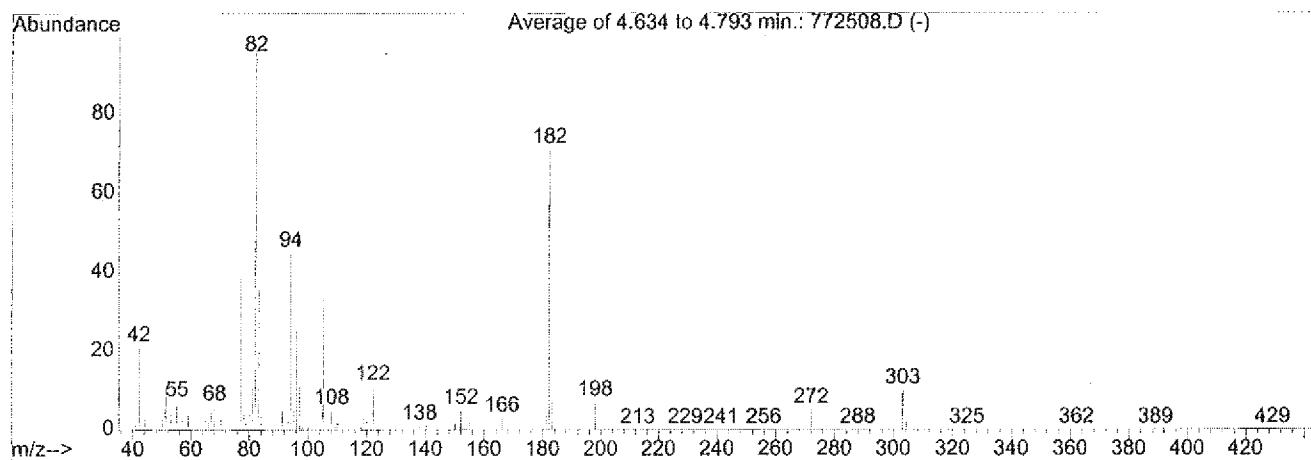
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772508.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 12:06
Sample Name : COCAINE STD
Submitted by :
Vial Number : 8
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

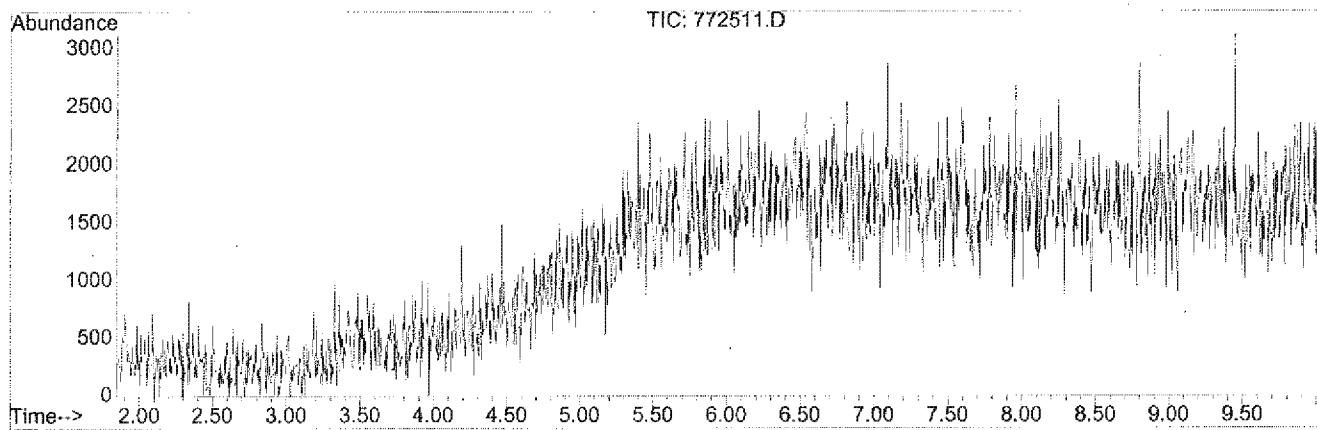
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------|-------------|------|
| 1 | 4.67 | C:\DATABASE\SLI.L COCAINE | 000050-36-2 | 99 |



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772511.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 12:46
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



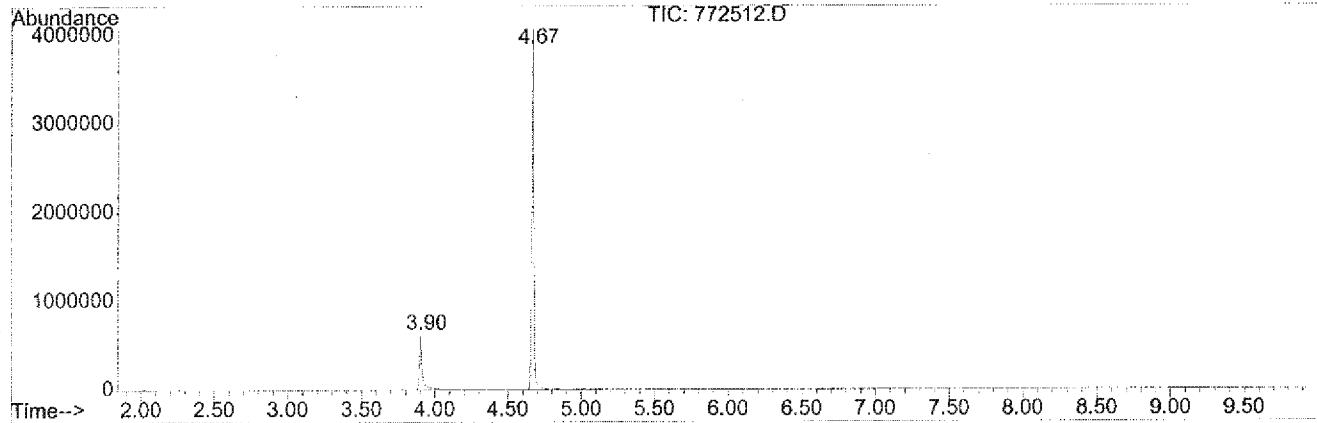
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772512.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 13:00
Sample Name : [REDACTED]
Submitted by : ASD
Vial Number : 12
AcquisitionMeth: DRUGS
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 3.901 | 842541 | 17.09 | 20.62 |
| 4.668 | 4086325 | 82.91 | 100.00 |

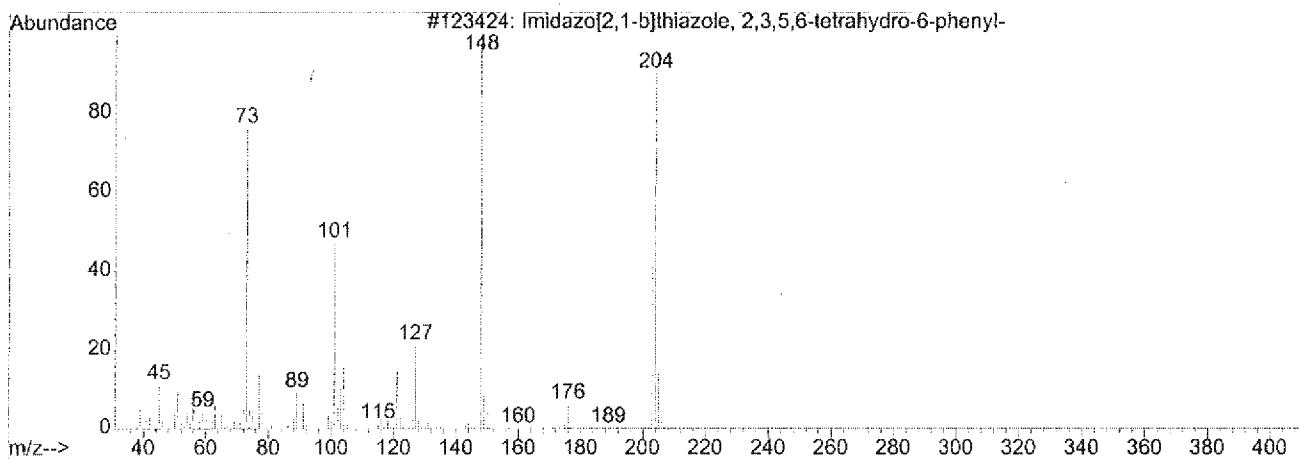
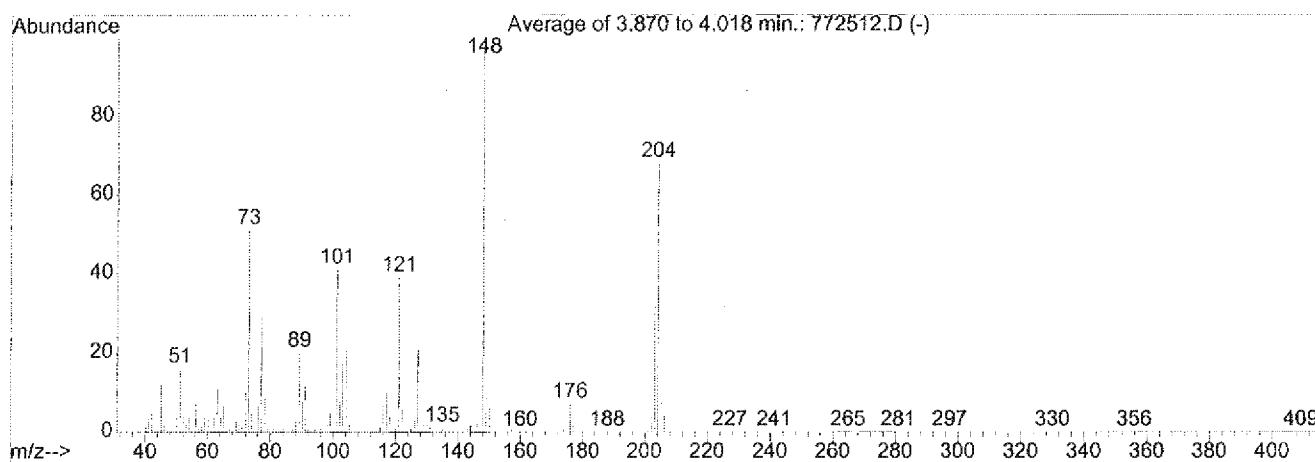
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772512.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 13:00
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 12
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 1 | 3.90 | C:\DATABASE\NIST98.L | | |
| | | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 006649-23-6 | 97 |
| | | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 006649-23-6 | 97 |
| | | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 006649-23-6 | 97 |



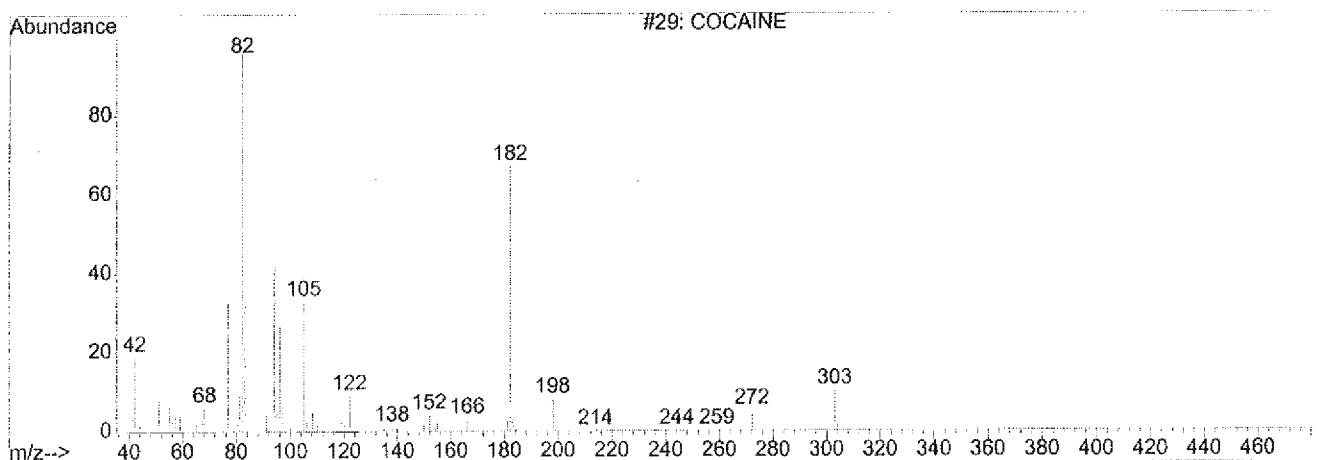
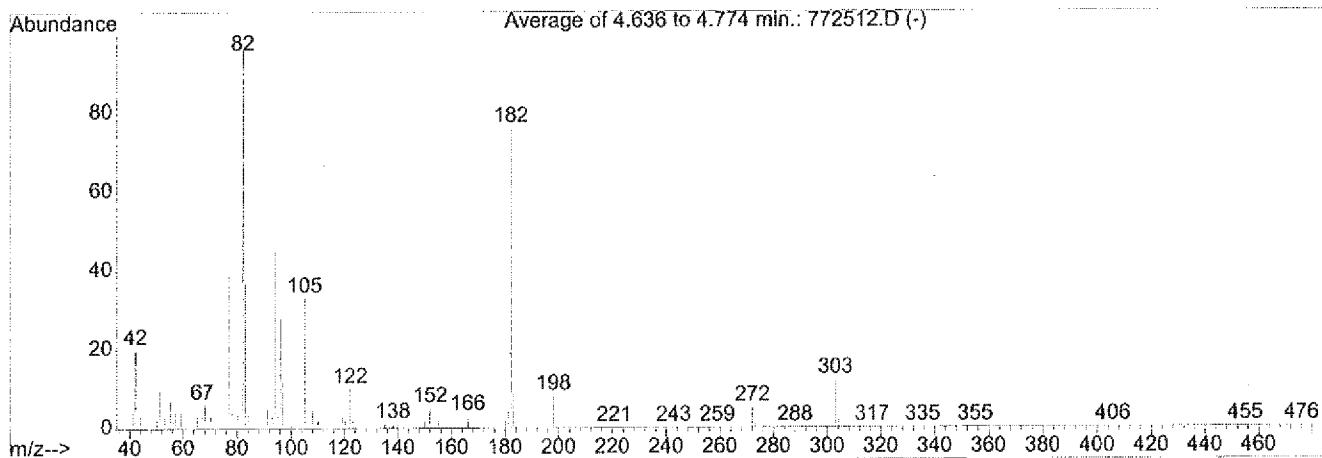
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772512.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 13:00
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 12
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

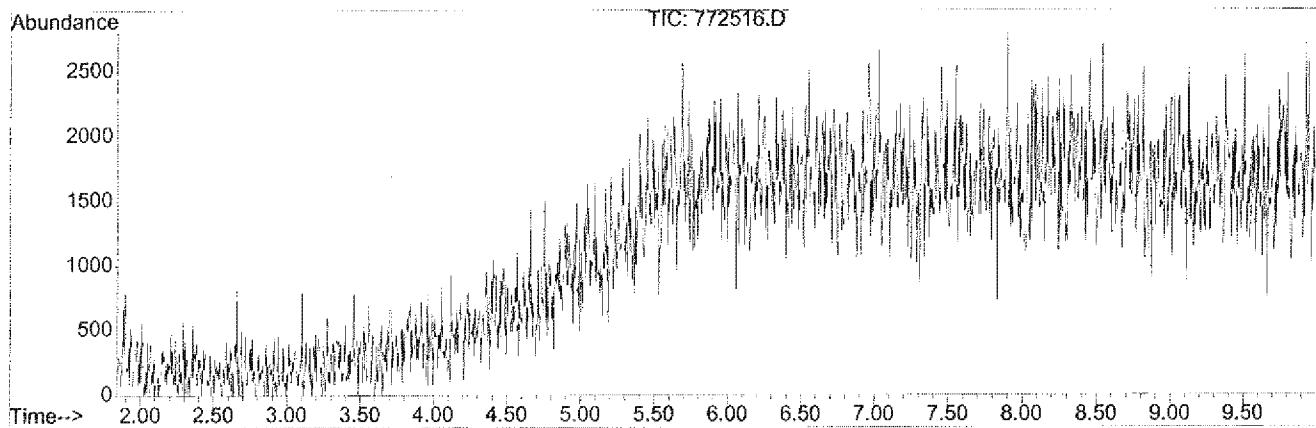
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------|-------------|------|
| 2 | 4.67 | C:\DATABASE\SLI.L COCAINE | 000050-36-2 | 99 |



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772516.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 13:55
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



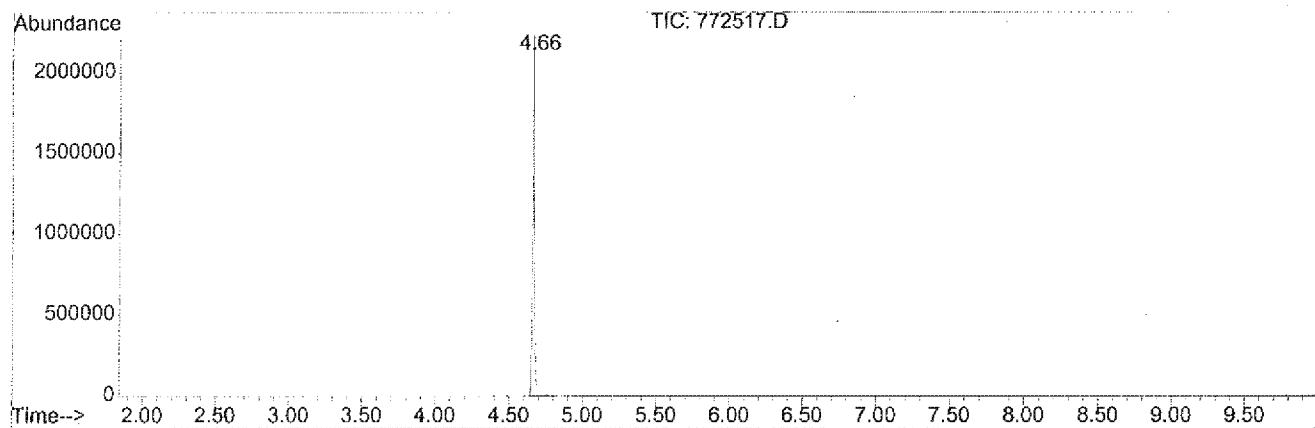
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772517.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 14:08
Sample Name : COCAINE STD
Submitted by :
Vial Number : 8
AcquisitionMeth: DRUGS
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 4.663 | 2069270 | 100.00 | 100.00 |

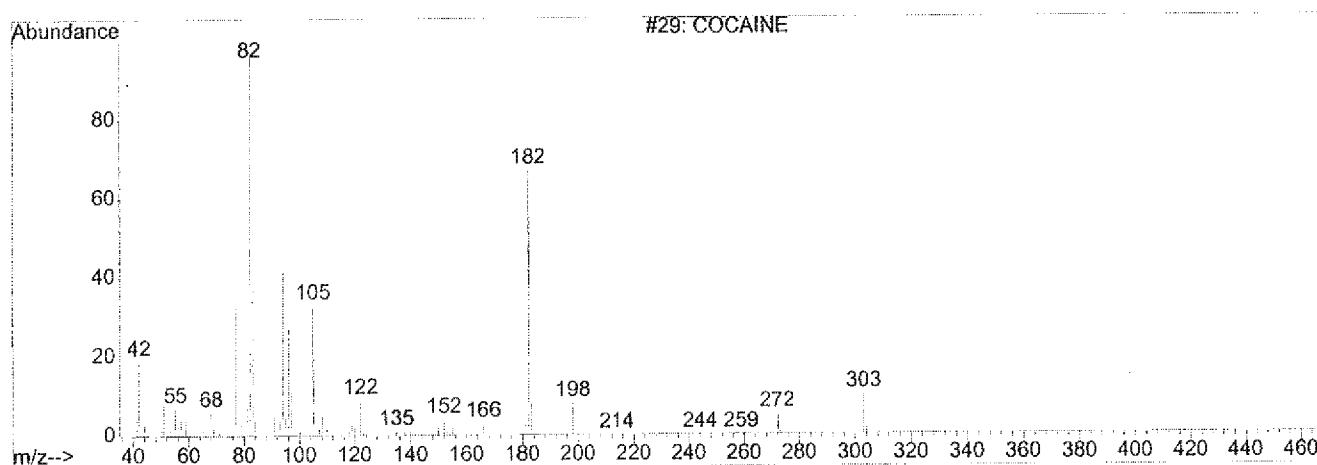
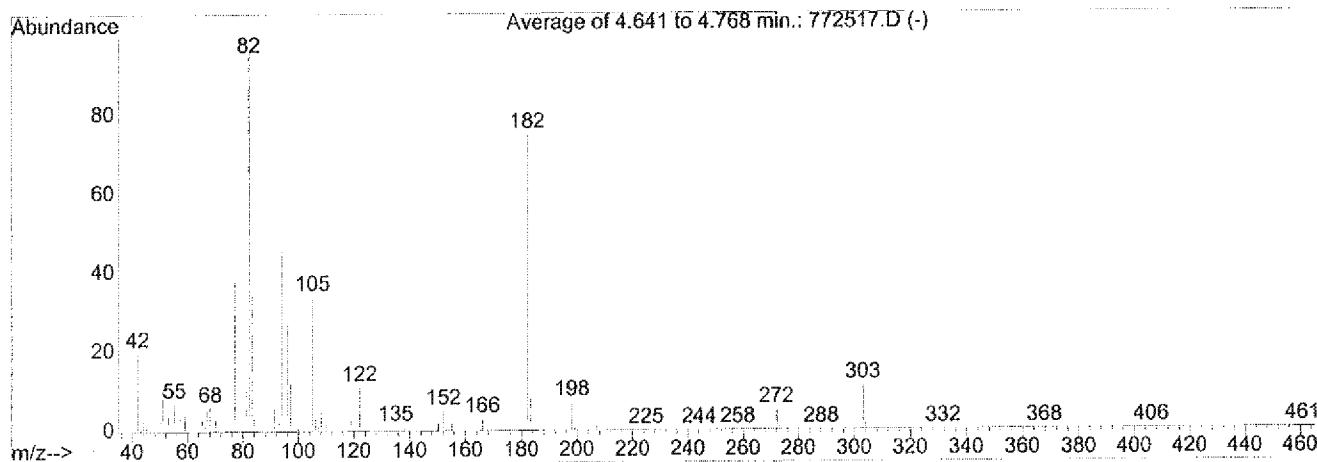
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772517.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 14:08
Sample Name : COCAINE STD
Submitted by :
Vial Number : 8
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

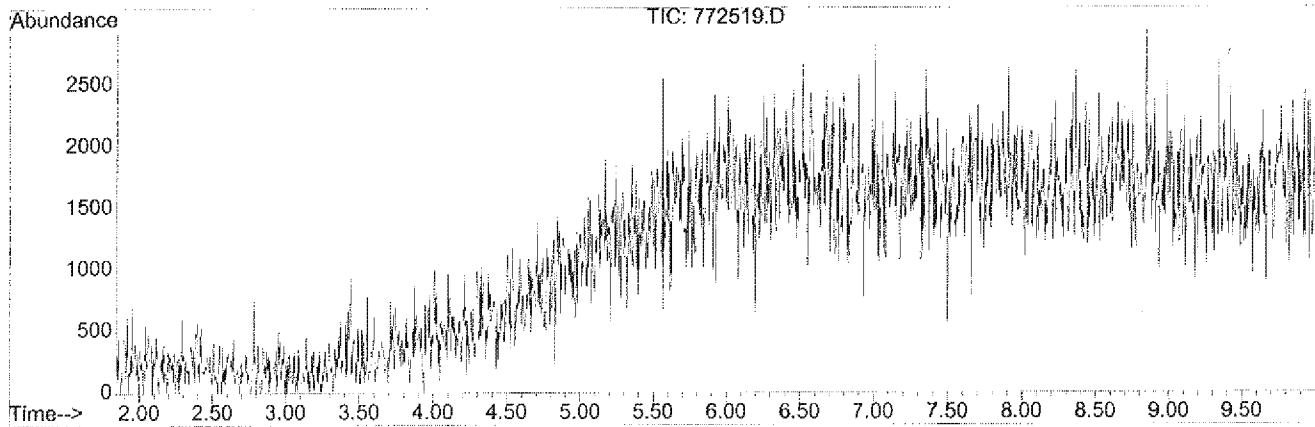
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------|-------------|------|
| 1 | 4.66 | C:\DATABASE\SLI.L COCAINE | 000050-36-2 | 99 |



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772519.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 14:35
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



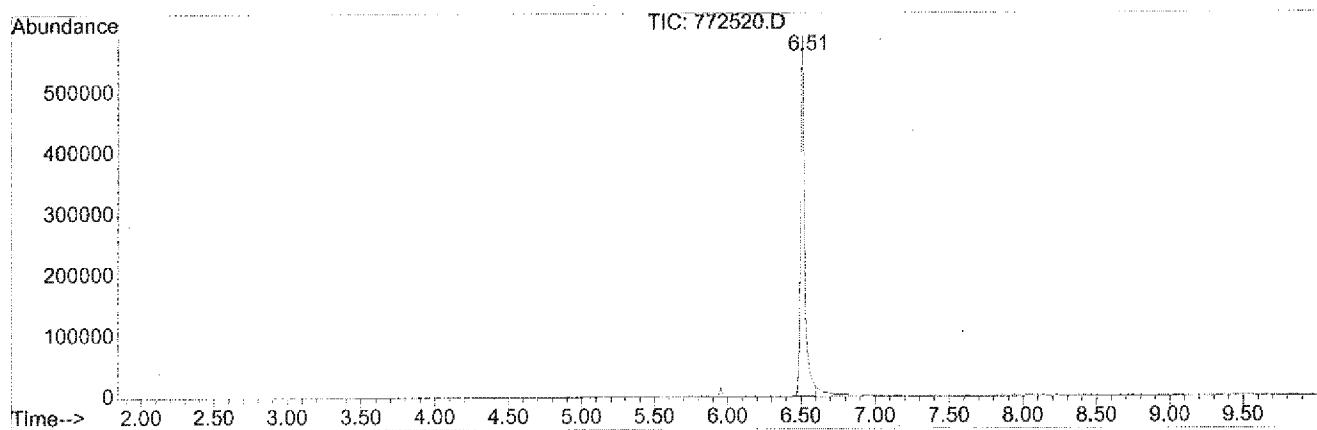
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772520.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 14:49
Sample Name : HEROIN STD
Submitted by :
Vial Number : 20
AcquisitionMeth: DRUGS
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 6.509 | 1125152 | 100.00 | 100.00 |

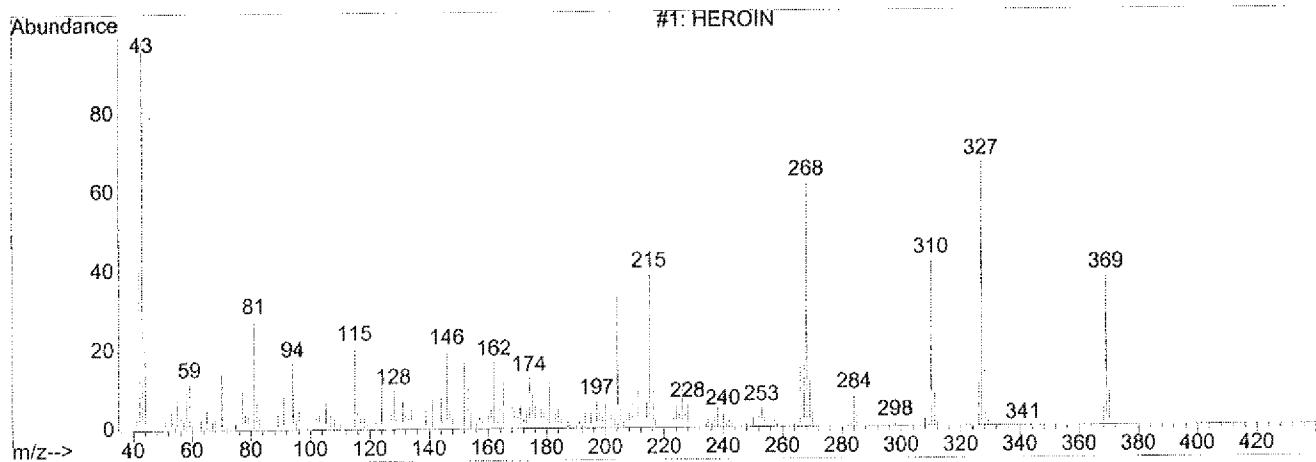
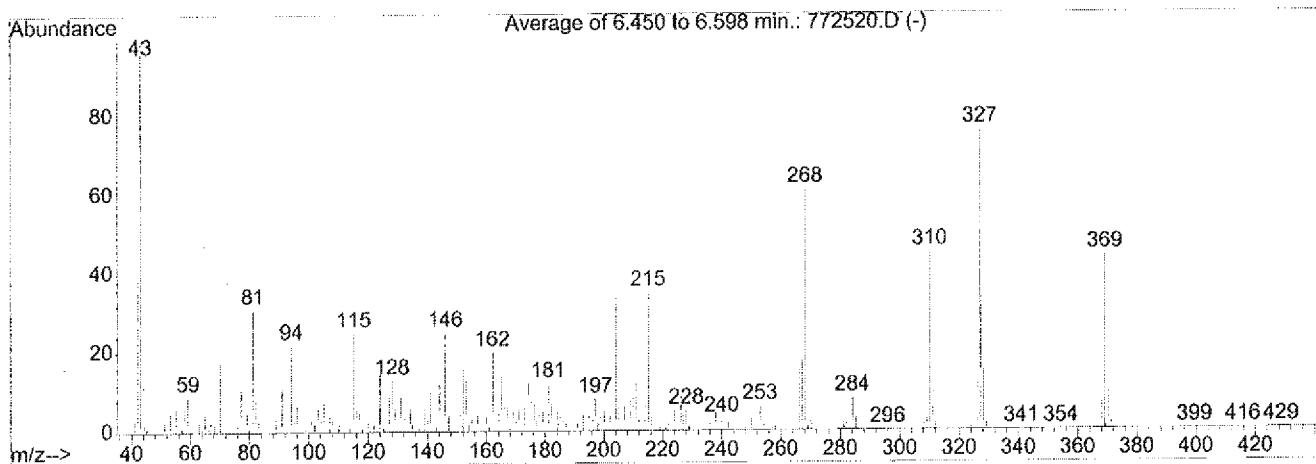
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772520.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 14:49
Sample Name : HEROIN STD
Submitted by :
Vial Number : 20
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

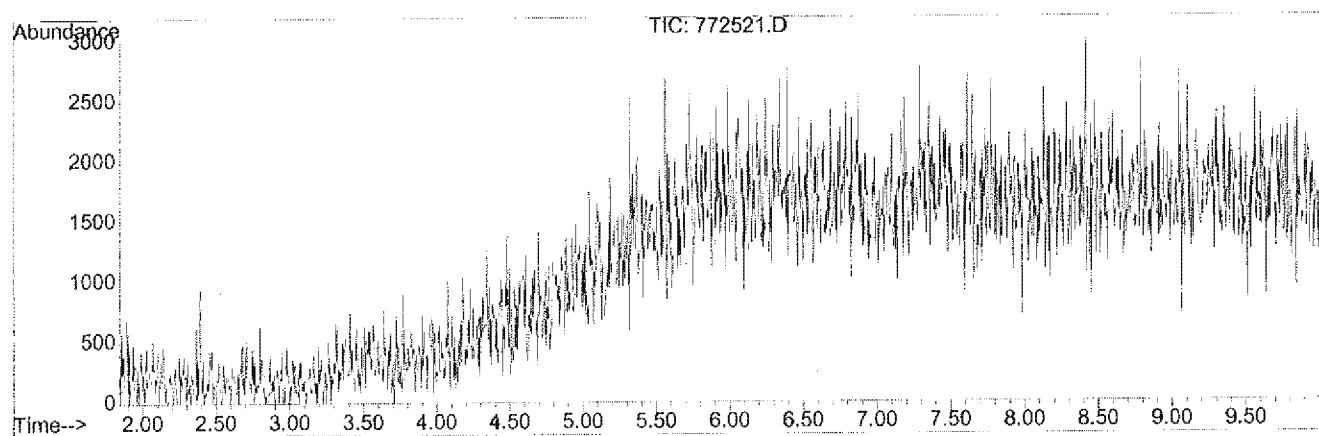
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------------|-------------|------|
| 1 | 6.51 | C:\DATABASE\SLI.L HEROIN | 000561-27-3 | 99 |



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772521.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 15:03
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



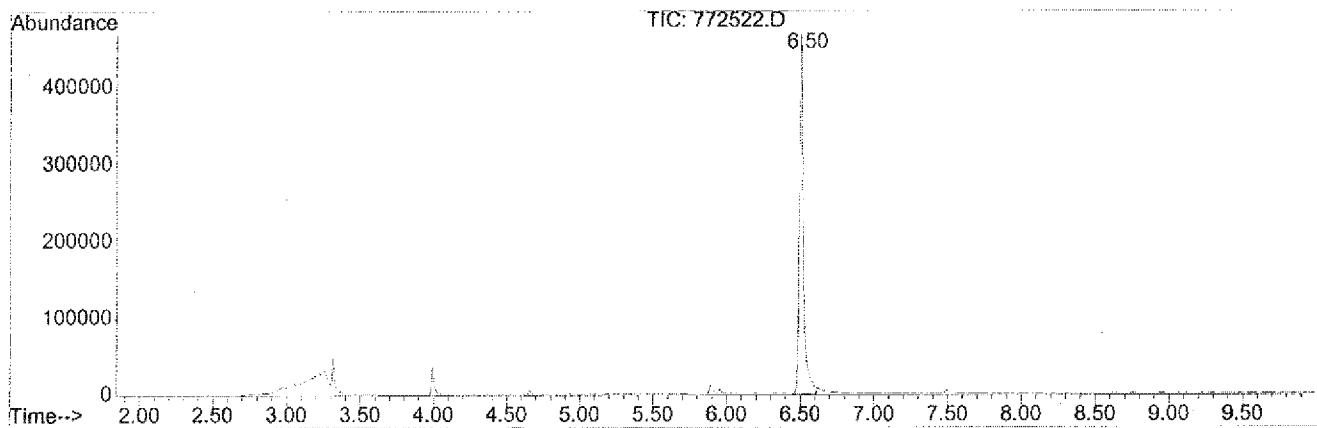
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772522.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 15:16
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 22
AcquisitionMeth: DRUGS
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|--------|--------|---------|
| 6.503 | 883532 | 100.00 | 100.00 |

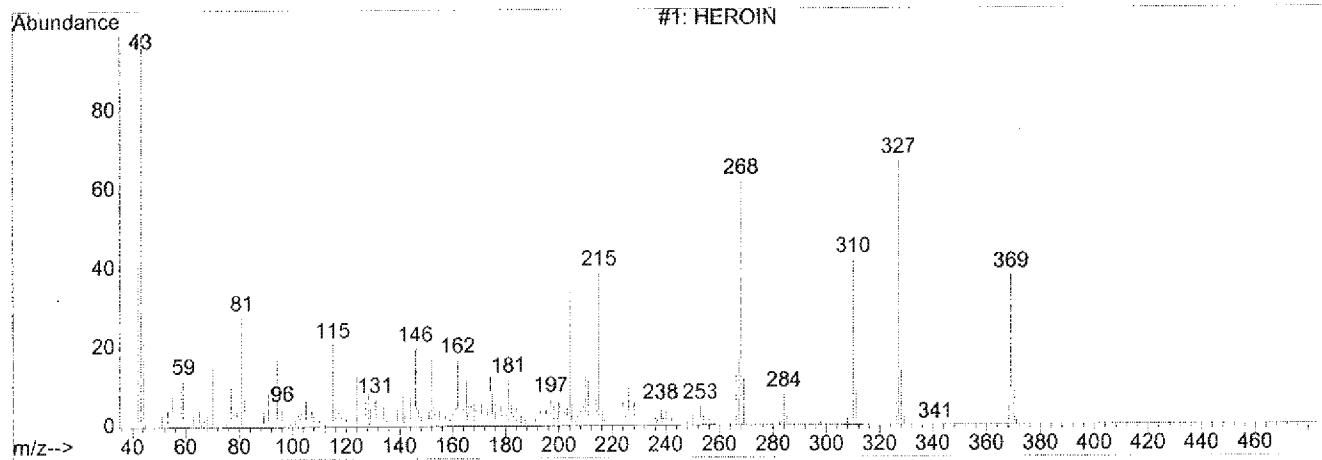
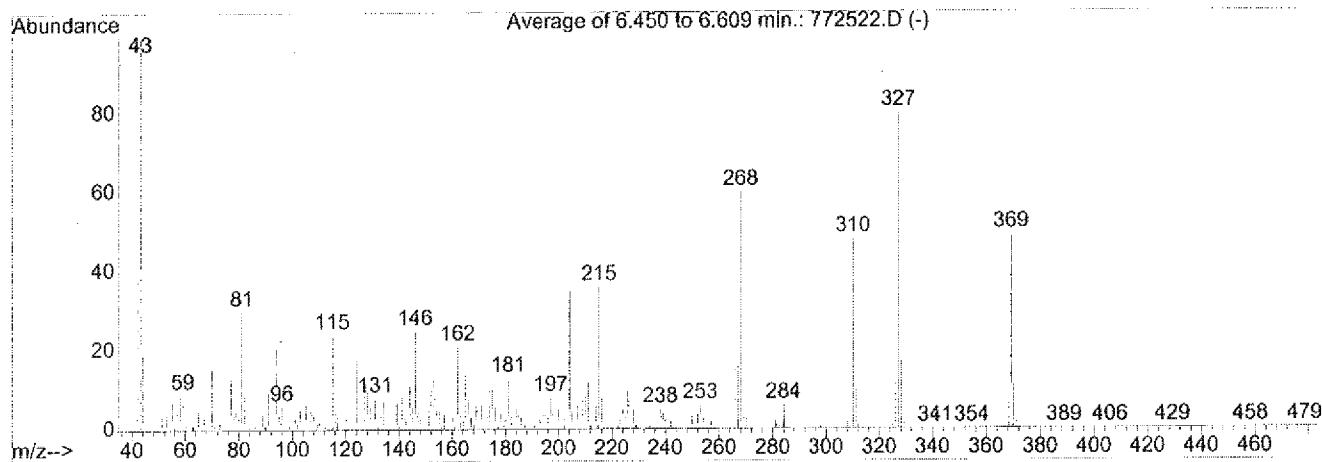
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772522.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 15:16
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 22
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

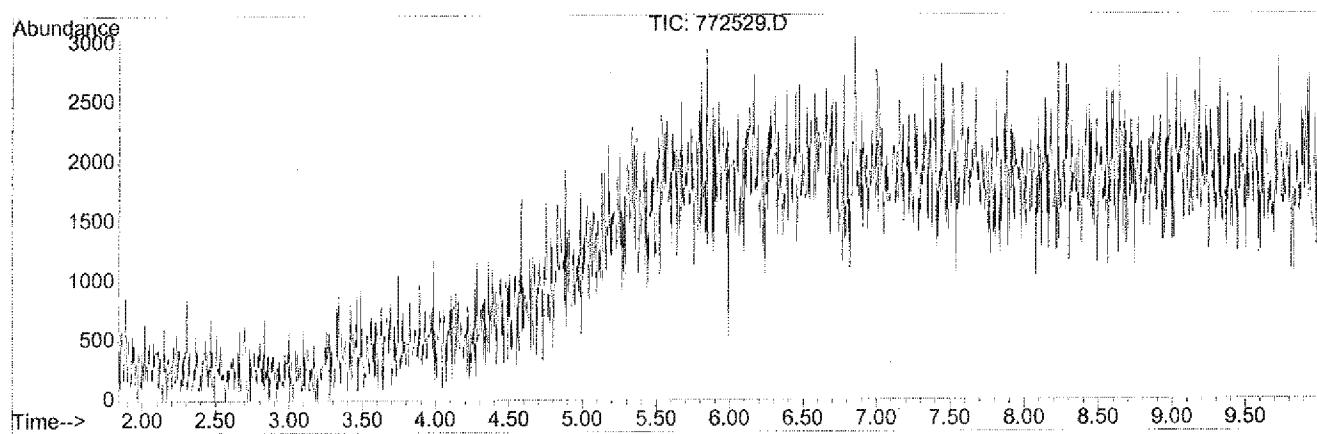
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------------|-------------|------|
| 1 | 6.50 | C:\DATABASE\SLI.L HEROIN | 000561-27-3 | 99 |



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772529.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 16:51
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



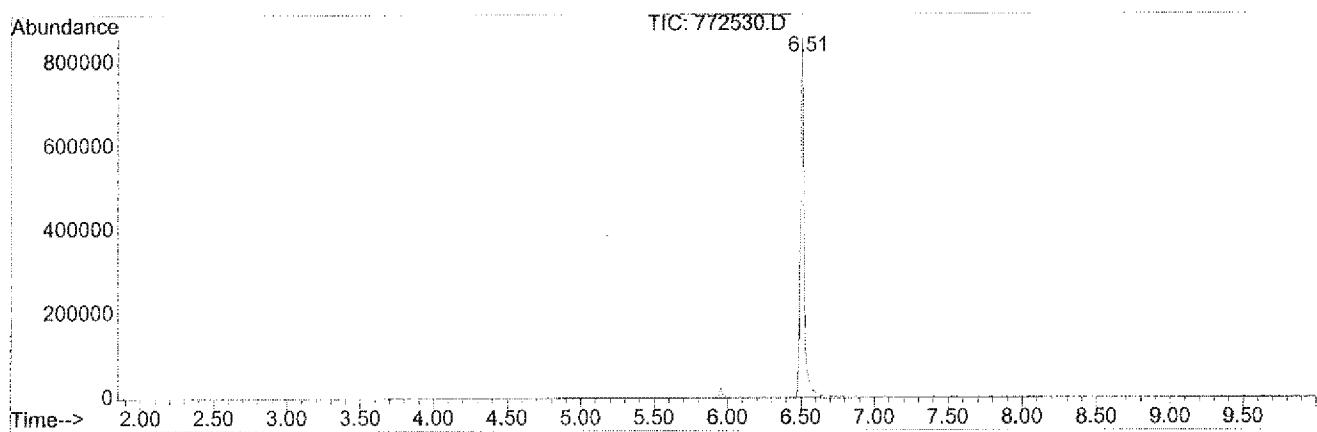
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772530.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 17:04
Sample Name : HEROIN STD
Submitted by :
Vial Number : 20
AcquisitionMeth: DRUGS
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 6.505 | 1458898 | 100.00 | 100.00 |

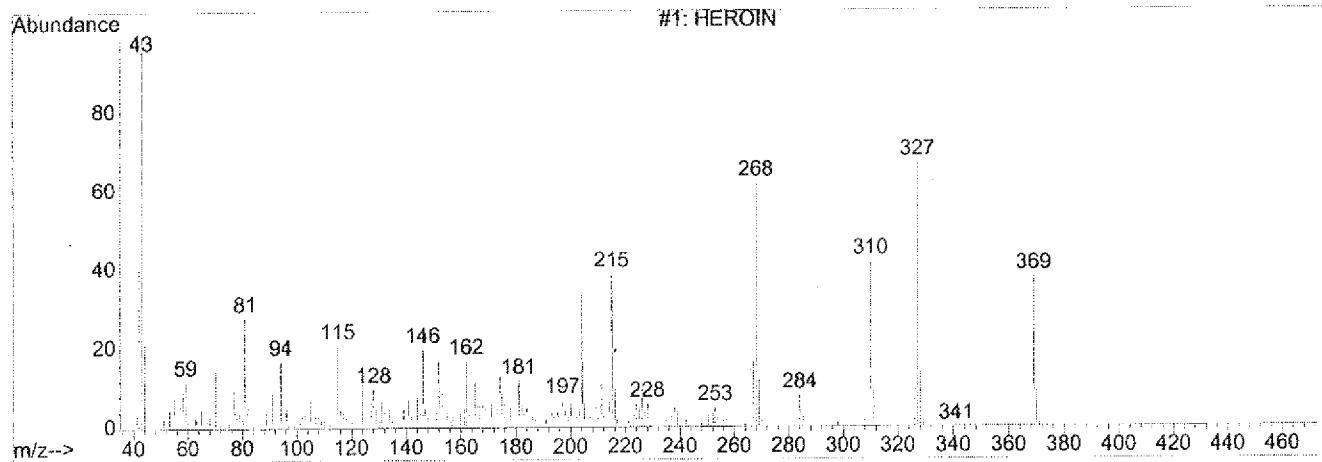
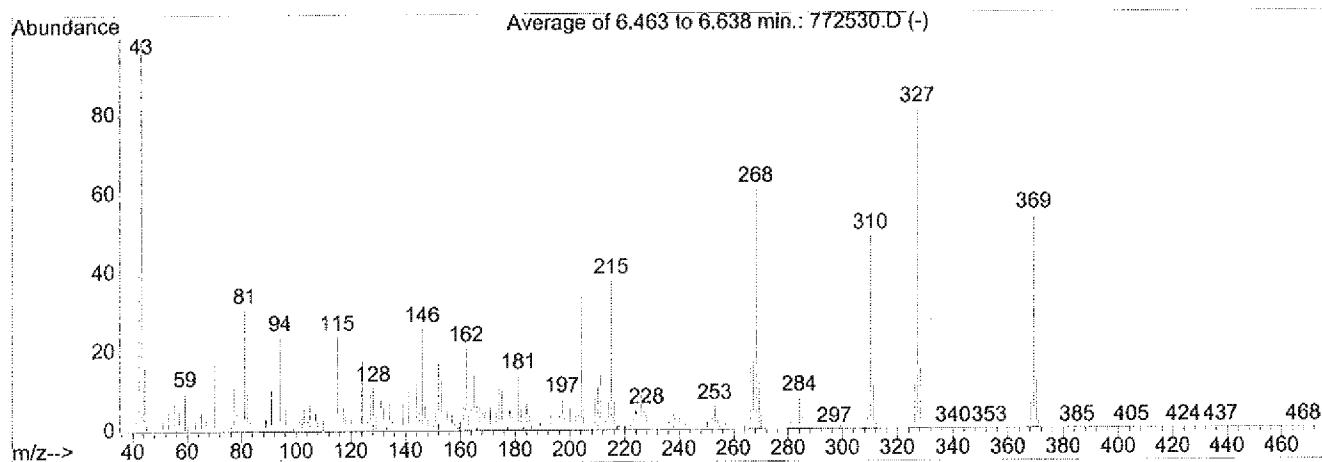
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772530.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 17:04
Sample Name : HEROIN STD
Submitted by :
Vial Number : 20
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

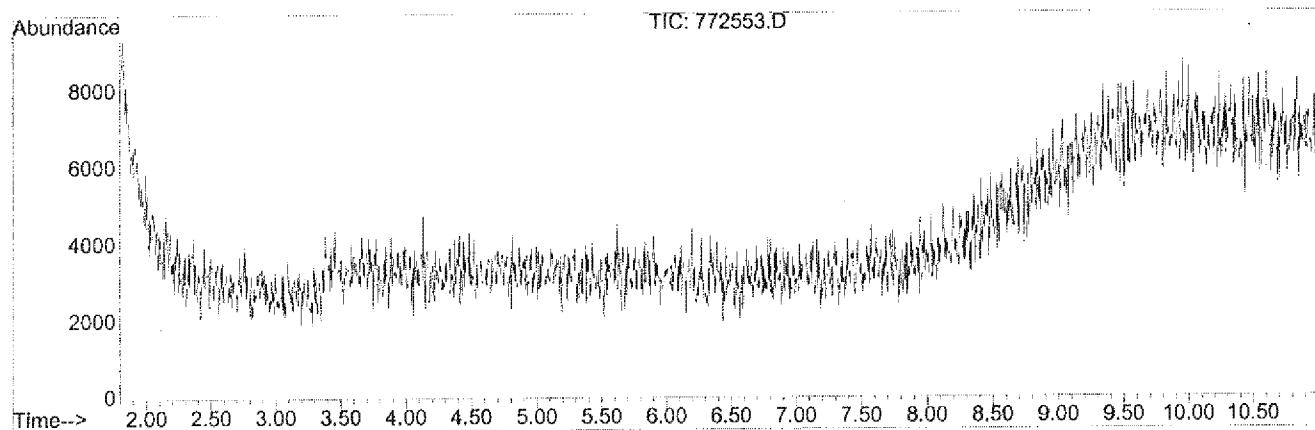
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------------|-------------|------|
| 1 | 6.51 | C:\DATABASE\SLI.L HEROIN | 000561-27-3 | 99 |



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772553.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 22:19
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: SPEED
Integrator : RTE



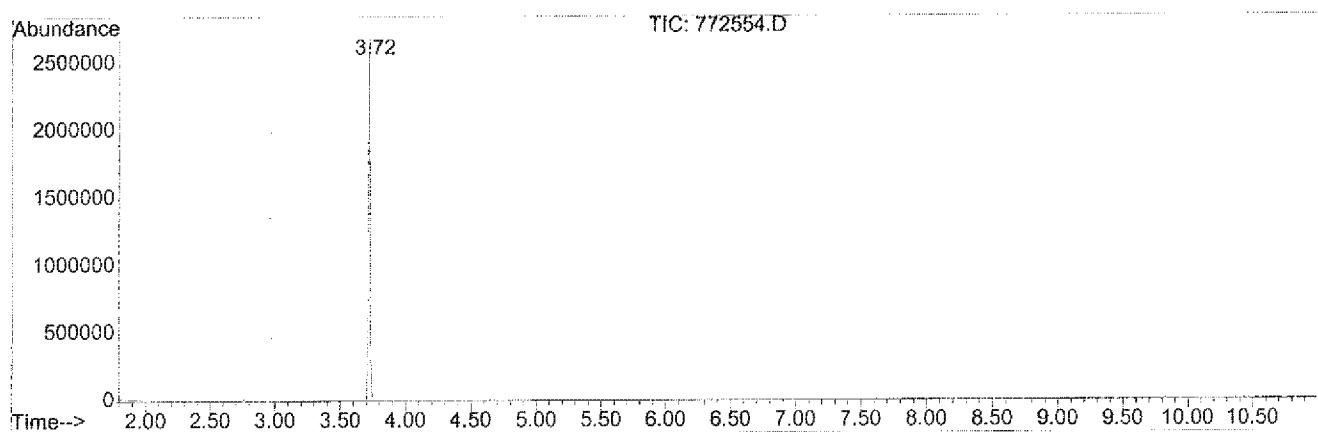
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772554.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 22:34
Sample Name : AMPHETAMINE STD
Submitted by :
Vial Number : 54
AcquisitionMeth: SPEED
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 3.718 | 2458296 | 100.00 | 100.00 |

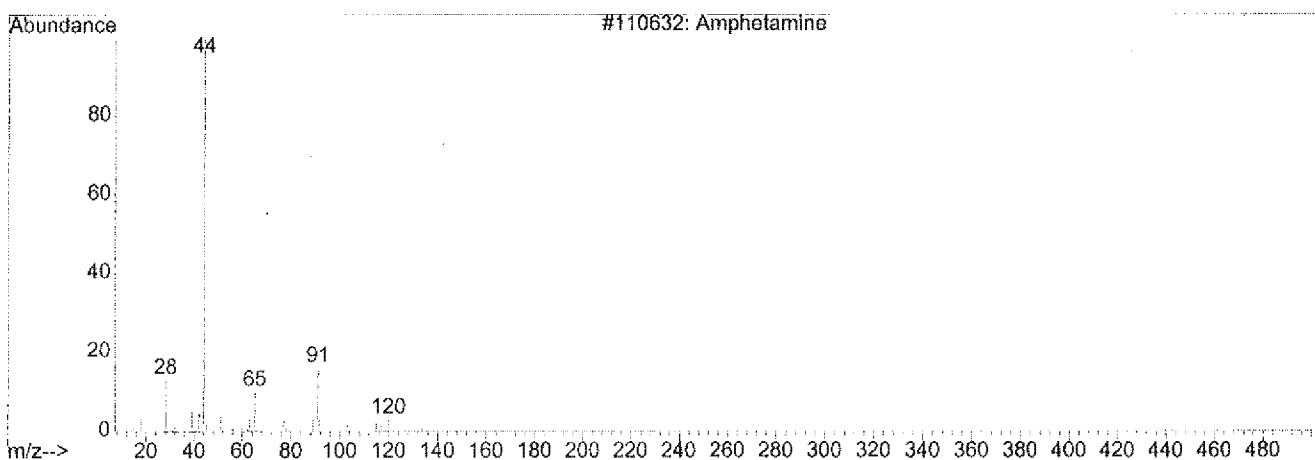
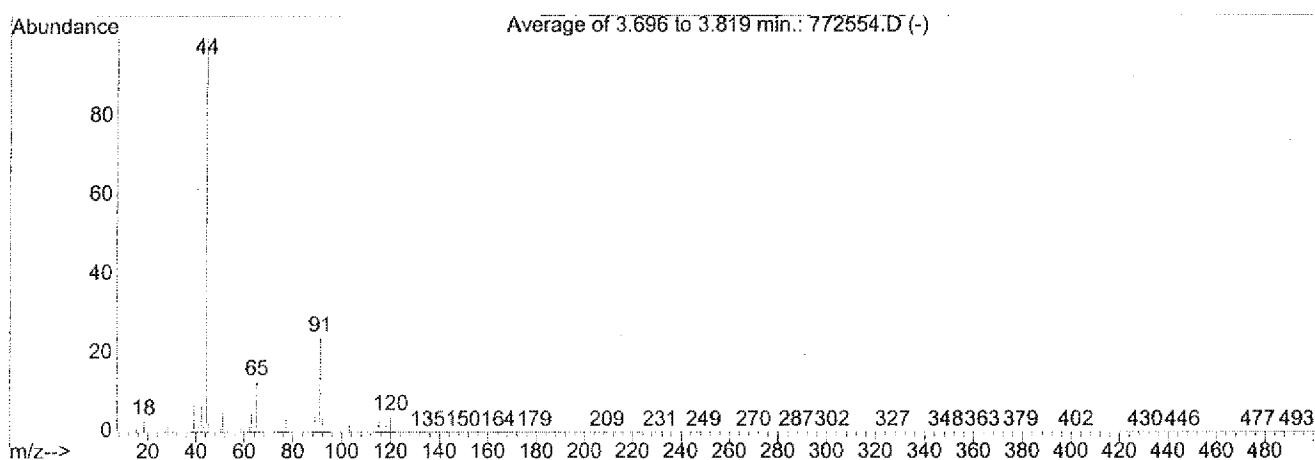
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772554.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 22:34
Sample Name : AMPHETAMINE STD
Submitted by :
Vial Number : 54
AcquisitionMeth: SPEED
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

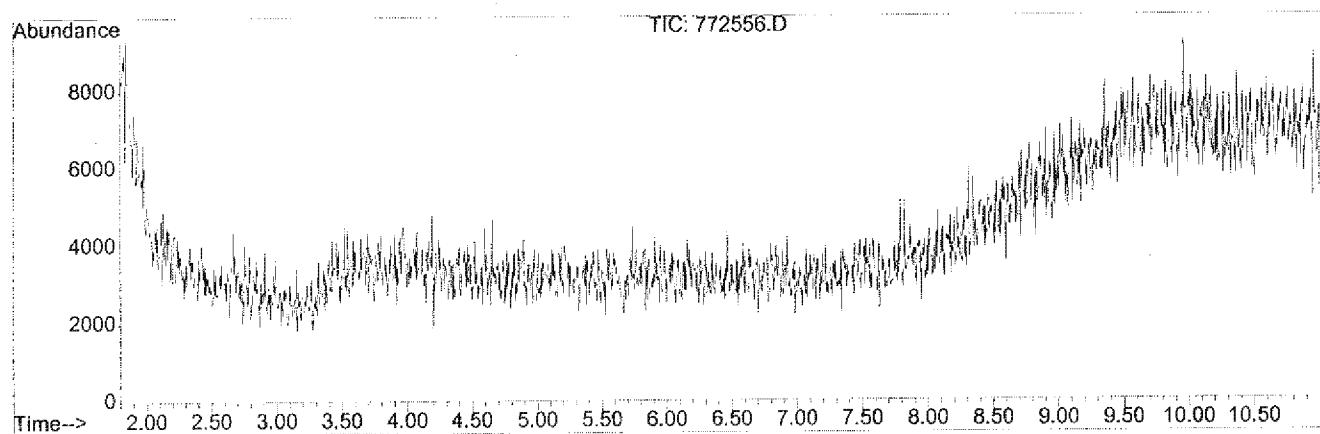
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------------|-------------|------|
| 1 | 3.72 | C:\DATABASE\NIST98.L | | |
| | | Amphetamine | 000300-62-9 | 90 |
| | | Benzeneethanamine, .alpha.-methyl- | 000060-15-1 | 83 |
| | | Amphetamine | 000300-62-9 | 78 |



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772556.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 23:04
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: SPEED
Integrator : RTE



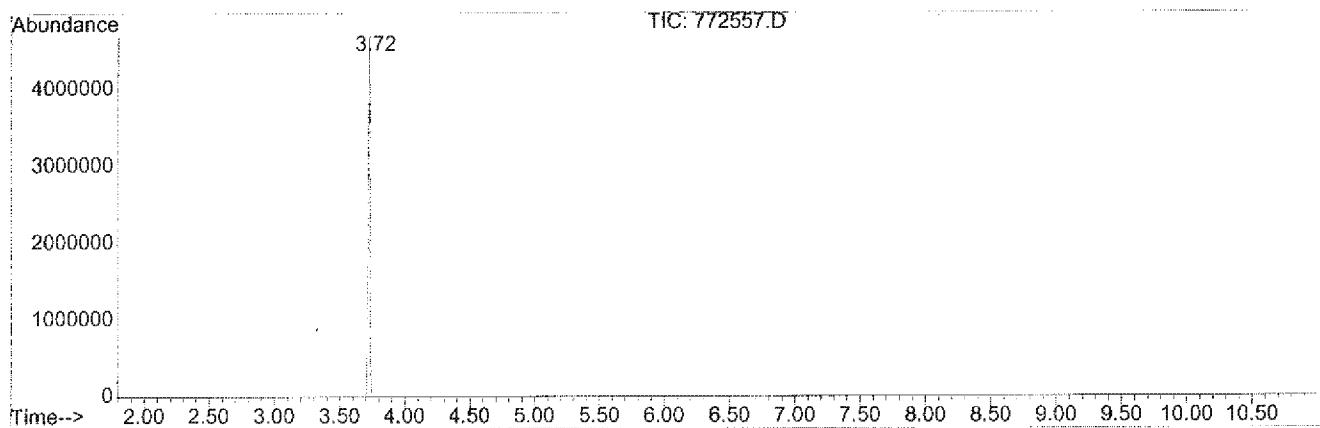
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772557.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 23:19
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 57
AcquisitionMeth: SPEED
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 3.725 | 5081443 | 100.00 | 100.00 |

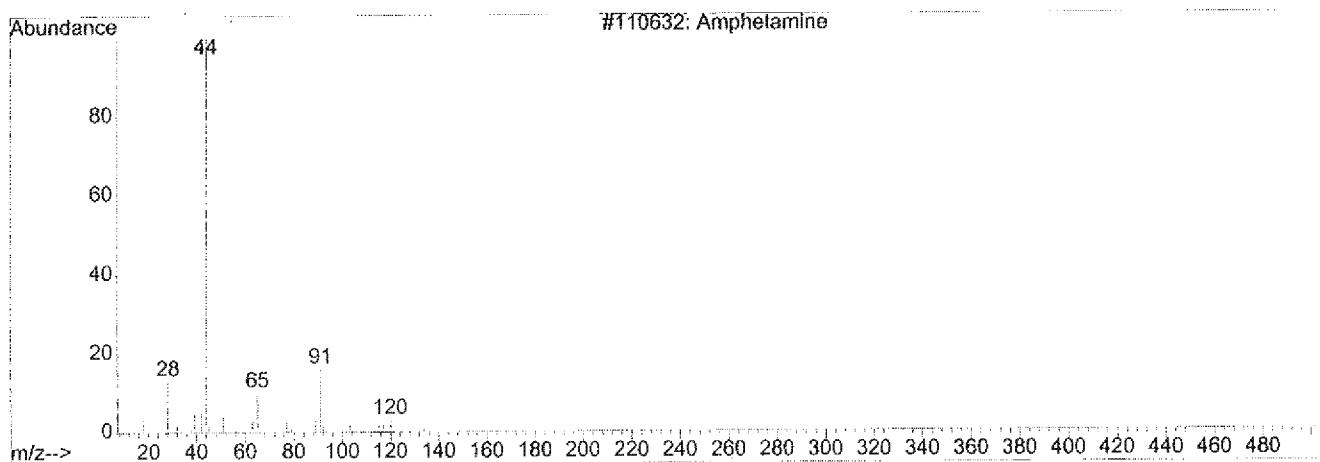
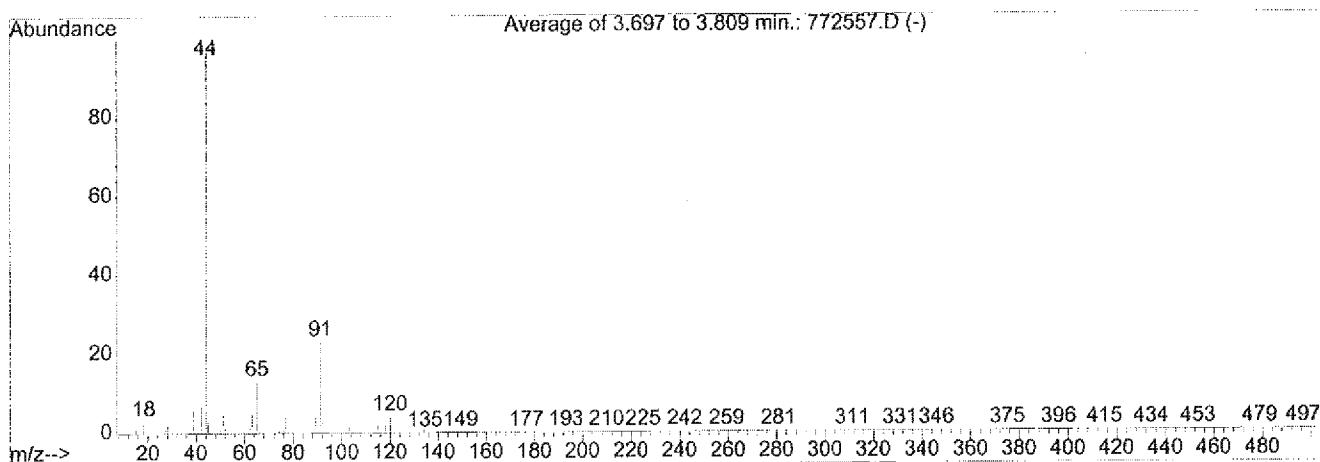
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772557.D
Operator : P. PIRO
Date Acquired : 17 Feb 2011 23:19
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 57
AcquisitionMeth: SPEED
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

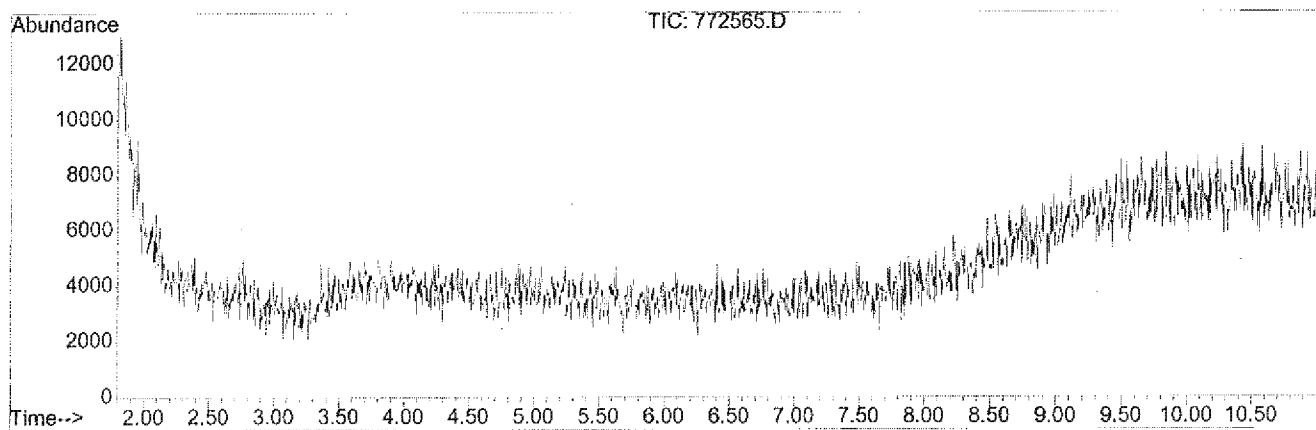
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------------|-------------|------|
| 1 | 3.72 | C:\DATABASE\NIST98.L | | |
| | | Amphetamine | 000300-62-9 | 90 |
| | | Dextroamphetamine | 000051-64-9 | 83 |
| | | Benzeneethanamine, .alpha.-methyl- | 000060-15-1 | 83 |



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772565.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 1:17
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: SPEED
Integrator : RTE



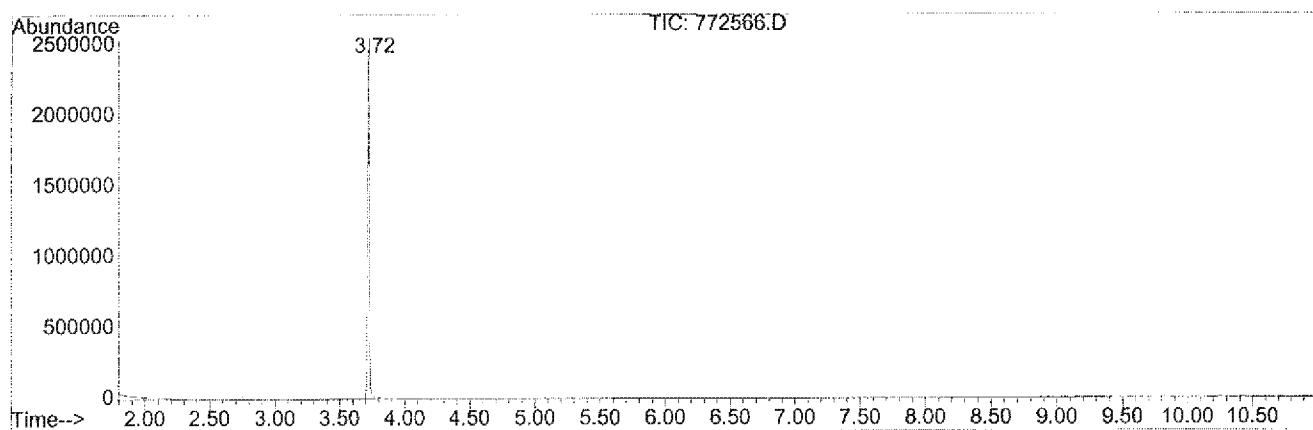
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772566.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 1:32
Sample Name : AMPHETAMINE STD
Submitted by :
Vial Number : 54
AcquisitionMeth: SPEED
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 3.719 | 2480018 | 100.00 | 100.00 |

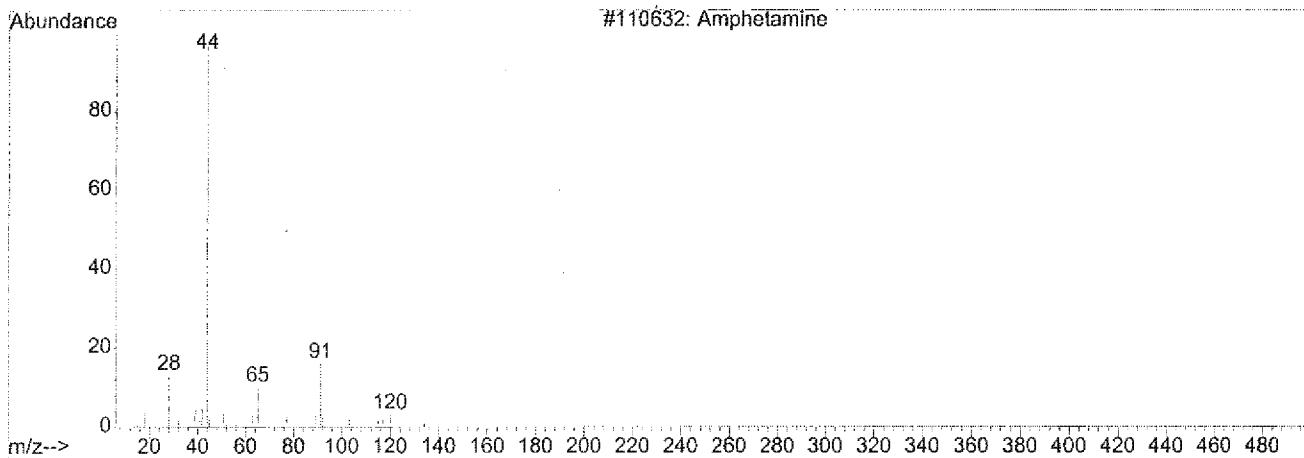
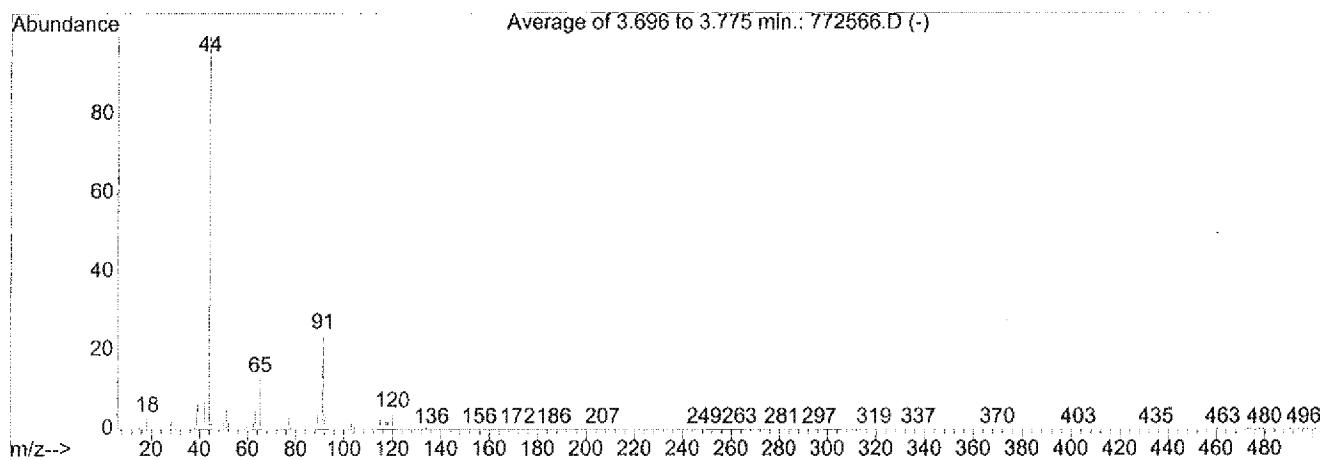
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772566.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 1:32
Sample Name : AMPHETAMINE STD
Submitted by :
Vial Number : 54
AcquisitionMeth: SPEED
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

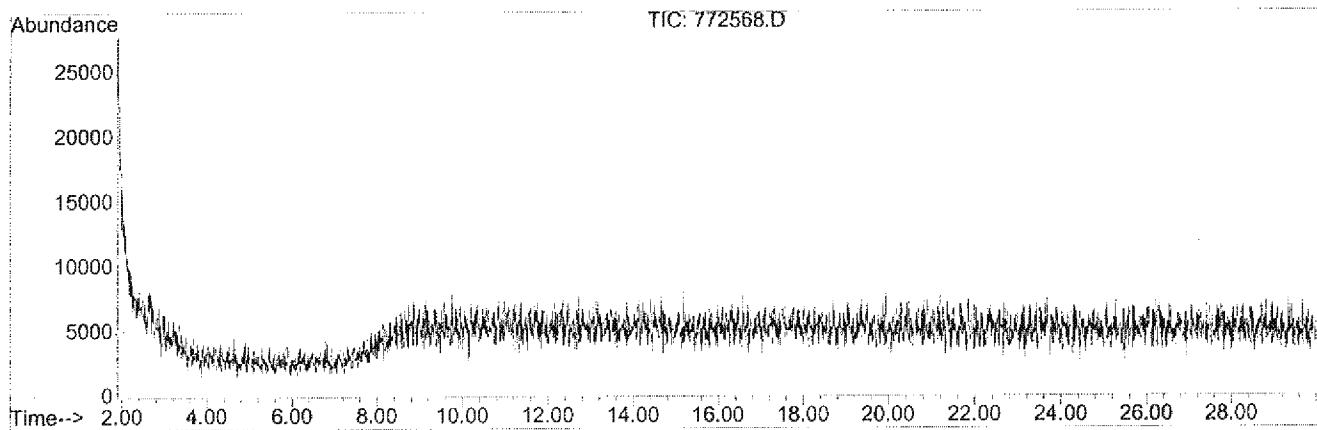
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------------|-------------|------|
| 1 | 3.72 | C:\DATABASE\NIST98.L | | |
| | | Amphetamine | 000300-62-9 | 90 |
| | | Dextroamphetamine | 000051-64-9 | 83 |
| | | Benzeneethanamine, .alpha.-methyl- | 000060-15-1 | 83 |



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772568.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 2:22
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: WSCREEN
Integrator : RTE



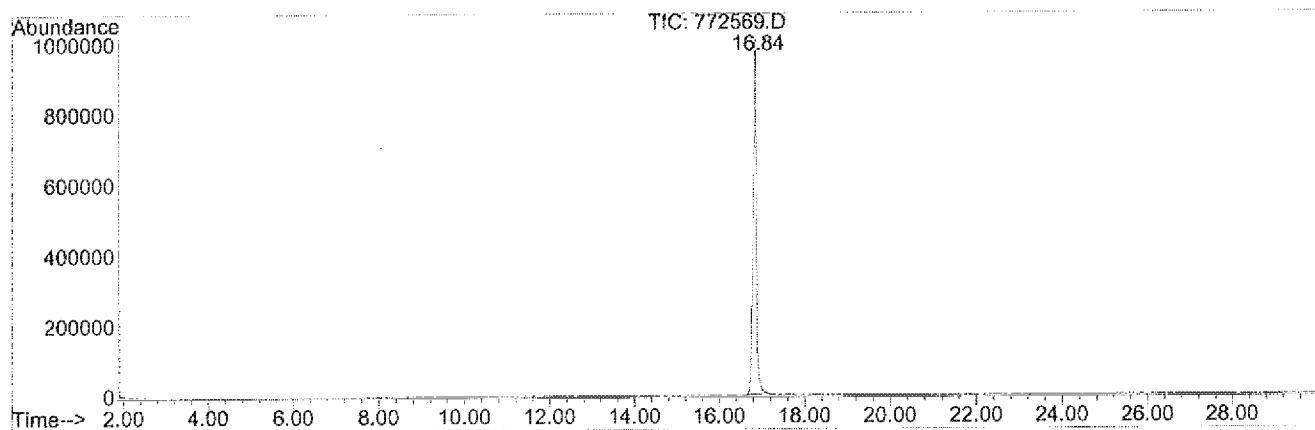
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772569.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 2:56
Sample Name : BUPRENORPHINE STD
Submitted by :
Vial Number : 69
AcquisitionMeth: WSCREEN
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 16.838 | 5071854 | 100.00 | 100.00 |

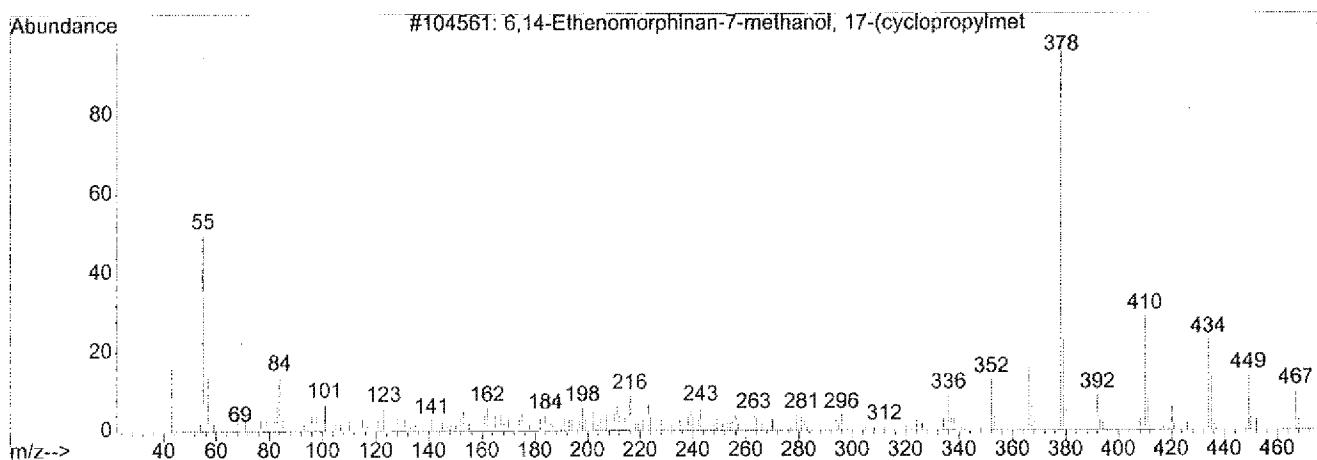
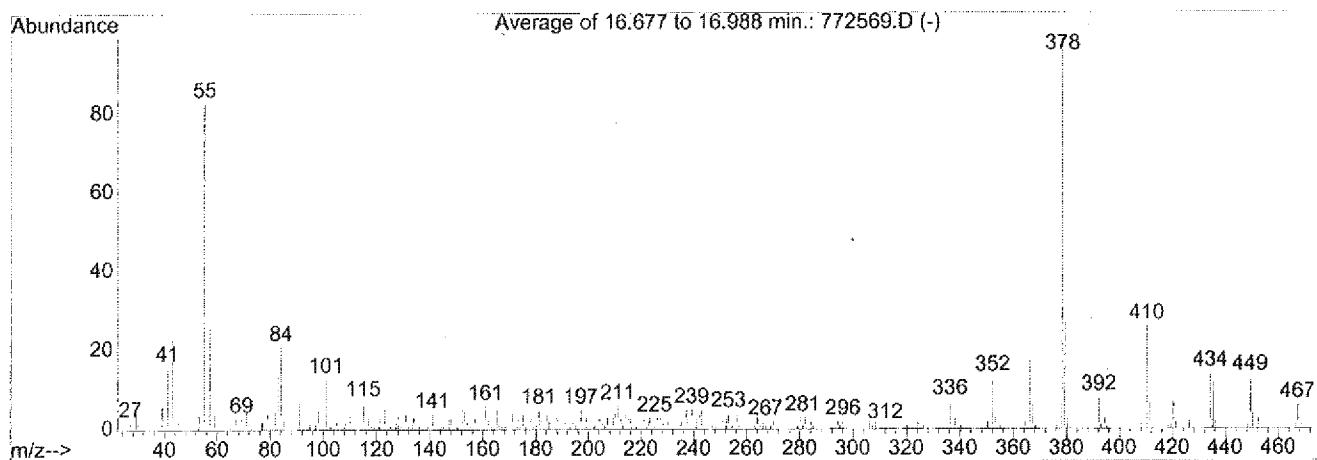
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772569.D
 Operator : P. PIRO
 Date Acquired : 18 Feb 2011 2:56
 Sample Name : BUPRENORPHINE STD
 Submitted by :
 Vial Number : 69
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
 C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
 C:\DATABASE\NIST98.L

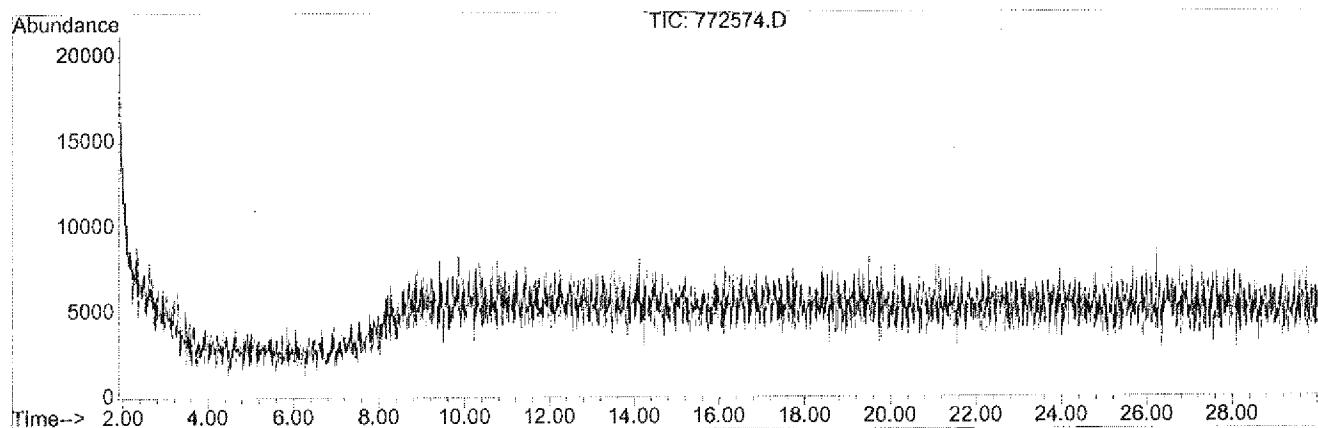
| PK# | RT | Library/ID | CAS# | Qual |
|-----|-------|-------------------------------------|-------------|------|
| 1 | 16.84 | C:\DATABASE\NIST98.L | | |
| | | 6,14-Ethenomorphinan-7-methanol, 17 | 052485-79-7 | 95 |
| | | 6,14-Ethenomorphinan-7-methanol, 17 | 052485-79-7 | 95 |
| | | 10-Methoxycamptothecin | 019685-10-0 | 50 |



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772574.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 5:47
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: WSCREEN
Integrator : RTE



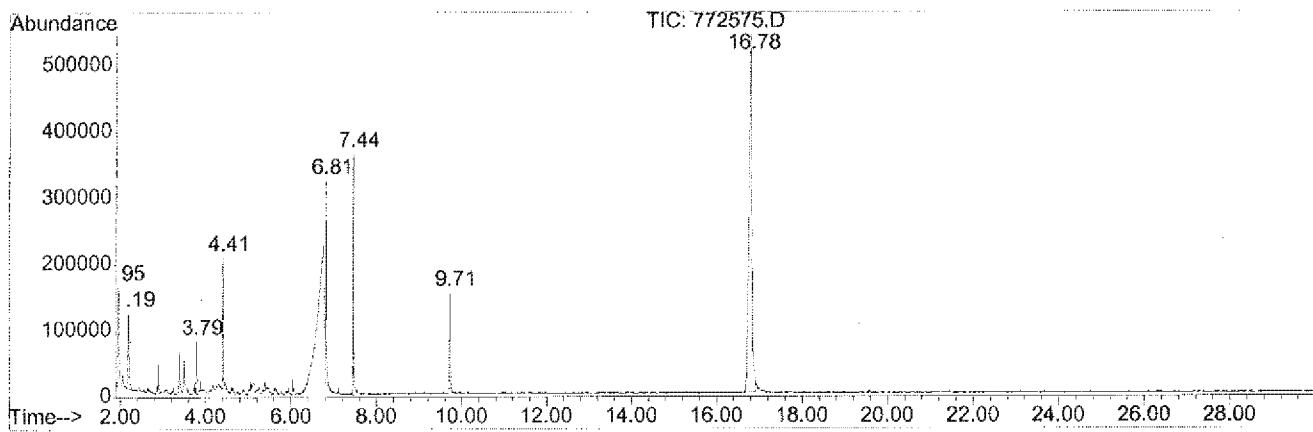
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772575.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 6:22
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 75
AcquisitionMeth: WSCREEN
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 1.947 | 290927 | 6.76 | 11.73 |
| 2.186 | 213161 | 4.95 | 8.59 |
| 3.790 | 111804 | 2.60 | 4.51 |
| 4.406 | 224213 | 5.21 | 9.04 |
| 6.811 | 337261 | 7.83 | 13.60 |
| 7.445 | 408588 | 9.49 | 16.47 |
| 9.712 | 238219 | 5.53 | 9.60 |
| 16.777 | 2480535 | 57.62 | 100.00 |

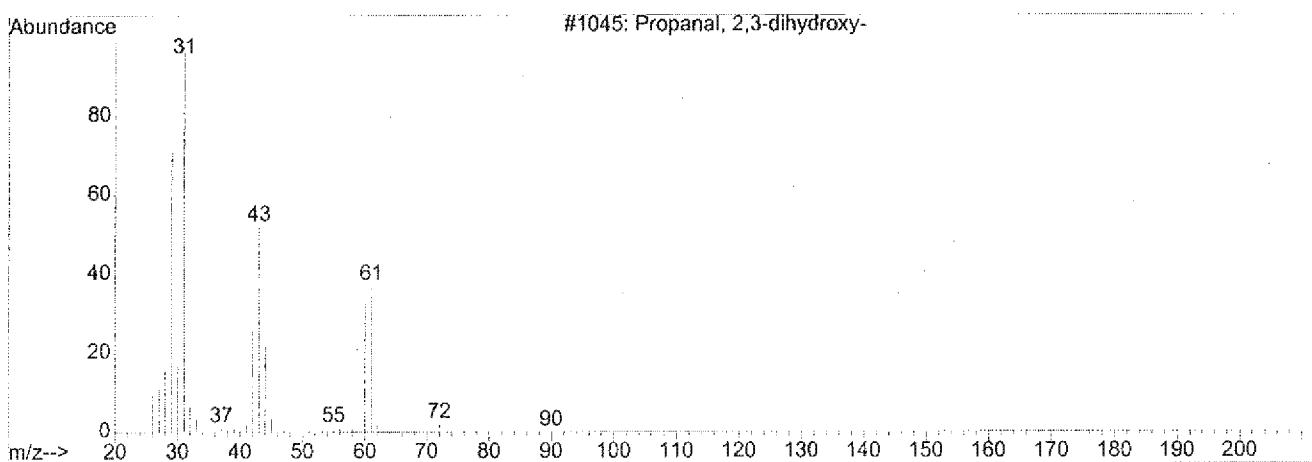
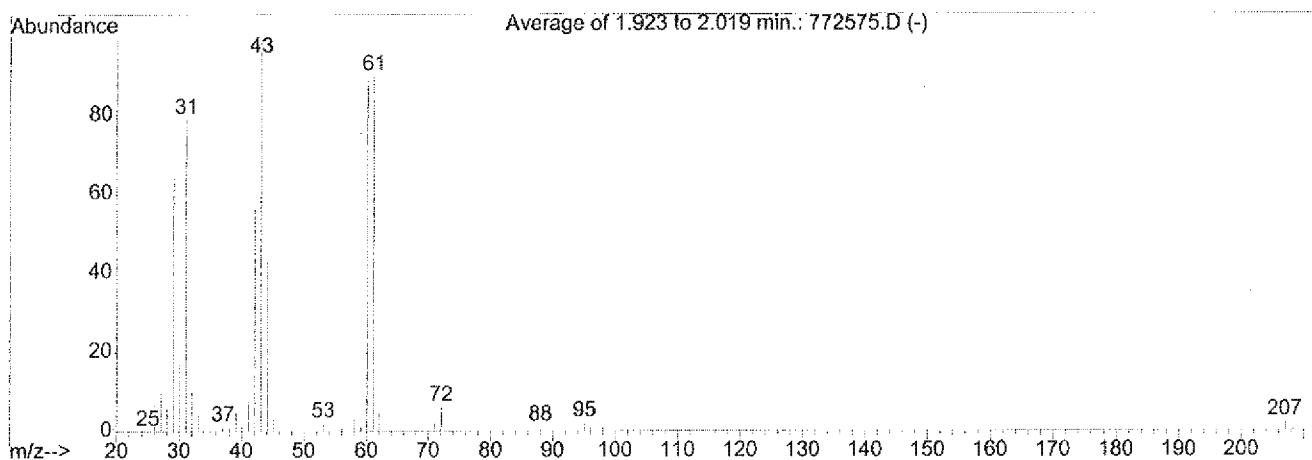
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772575.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 6:22
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 75
AcquisitionMeth: WSCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|---------------------------|-------------|------|
| 1 | 1.95 | C:\DATABASE\NIST98.L | | |
| | | Propanal, 2,3-dihydroxy- | 000367-47-5 | 83 |
| | | 1,2-Ethanediol, diformate | 000629-15-2 | 43 |
| | | Glycerin | 000056-81-5 | 43 |



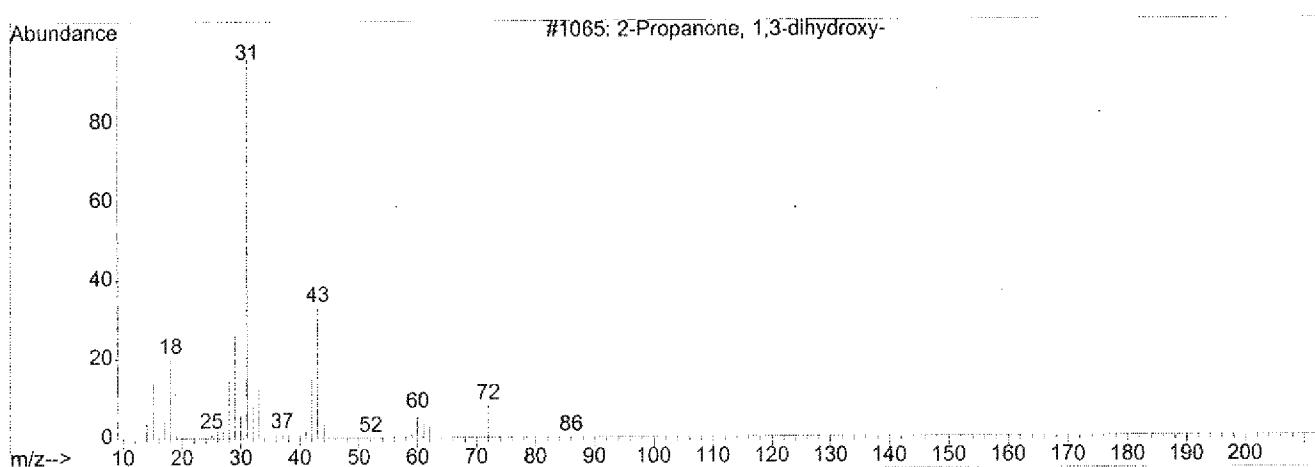
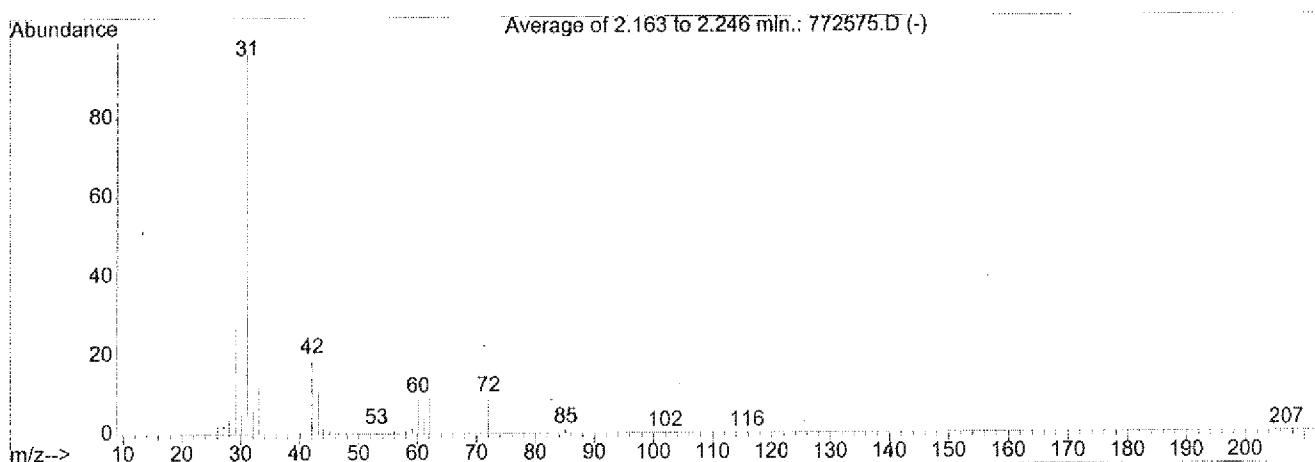
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772575.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 6:22
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 75
AcquisitionMeth: WSCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------------|-------------|------|
| 2 | 2.19 | C:\DATABASE\NIST98.L | | |
| | | 2-Propanone, 1,3-dihydroxy- | 000096-26-4 | 64 |
| | | 1-Propanol | 000071-23-8 | 9 |
| | | 1,2-Ethanediol | 000107-21-1 | 9 |



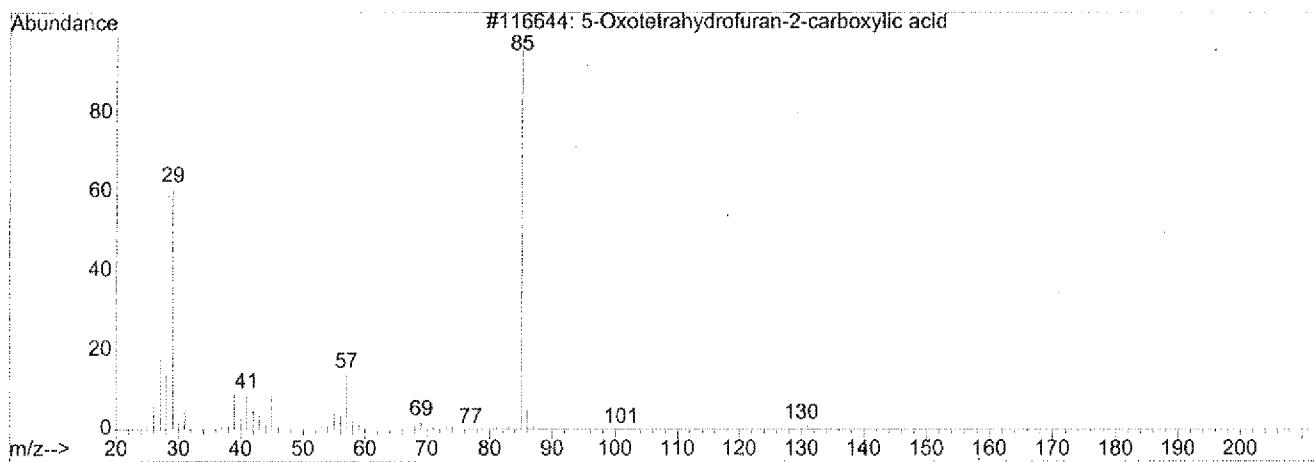
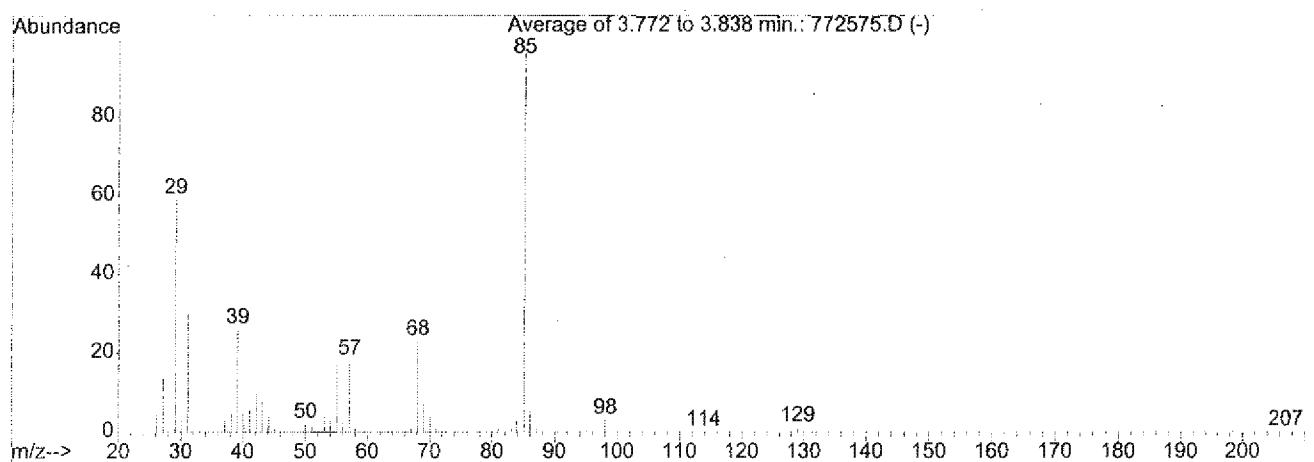
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772575.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 6:22
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 75
AcquisitionMeth: WSCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|--|-------------|------|
| 3 | 3.79 | C:\DATABASE\NIST98.L | | |
| | | 5-Oxotetrahydrofuran-2-carboxylic acid | 004344-84-7 | 53 |
| | | 2 (3H)-Furanone, dihydro-5-propyl- | 000105-21-5 | 50 |
| | | (S)-(+)-2',3'-Dideoxyribonolactone | 032780-06-6 | 45 |



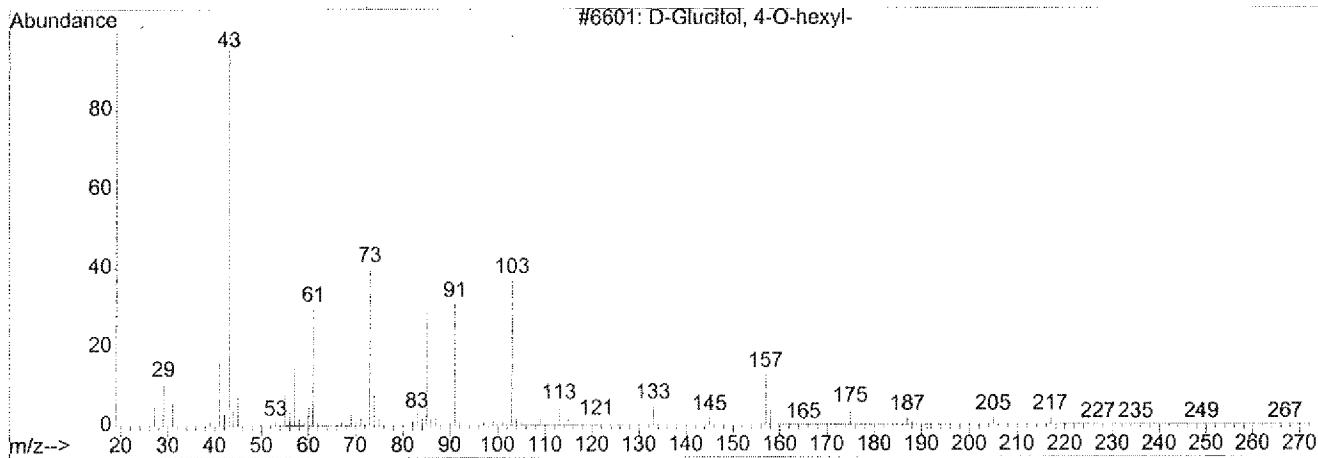
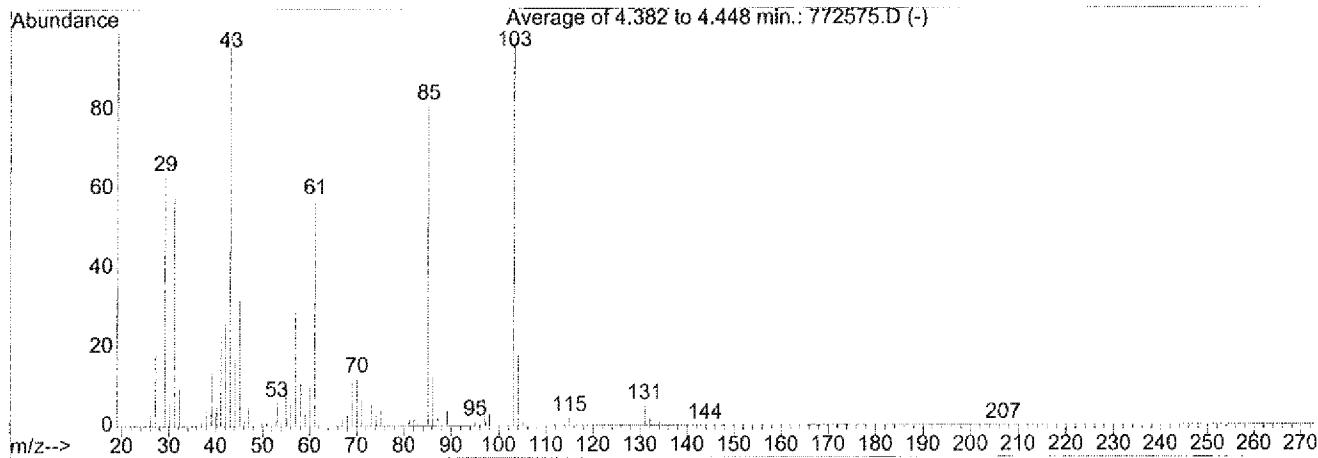
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772575.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 6:22
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 75
AcquisitionMeth: WSCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 4 | 4.41 | C:\DATABASE\NIST98.L | | |
| | | D-Glucitol, 4-O-hexyl- | 132591-04-9 | 50 |
| | | Disulfide, propyl 1-(propylthio)eth | 069078-86-0 | 32 |
| | | 2-Hydroxy-3-methylsuccinic acid | 000608-41-3 | 25 |



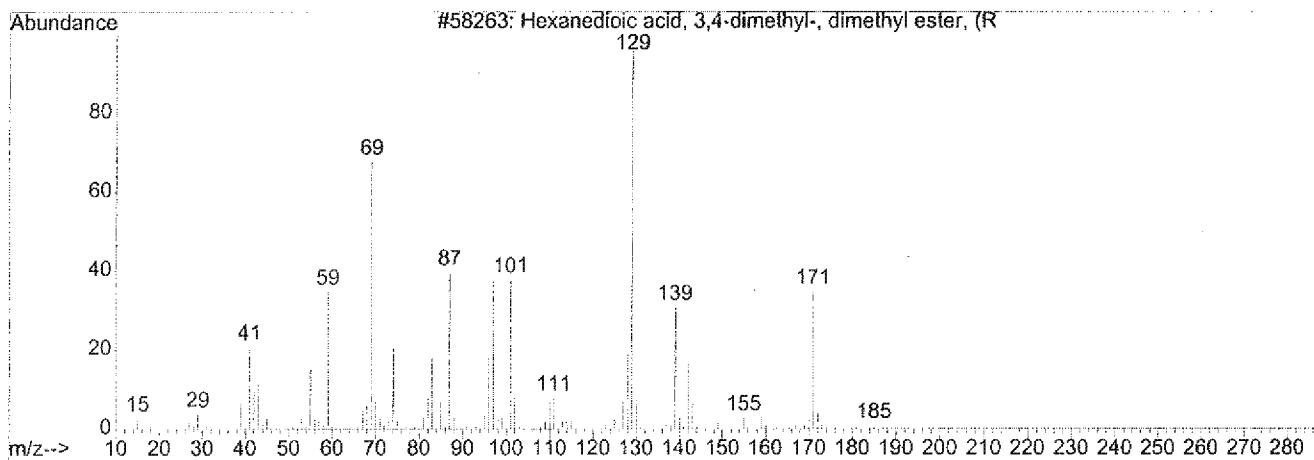
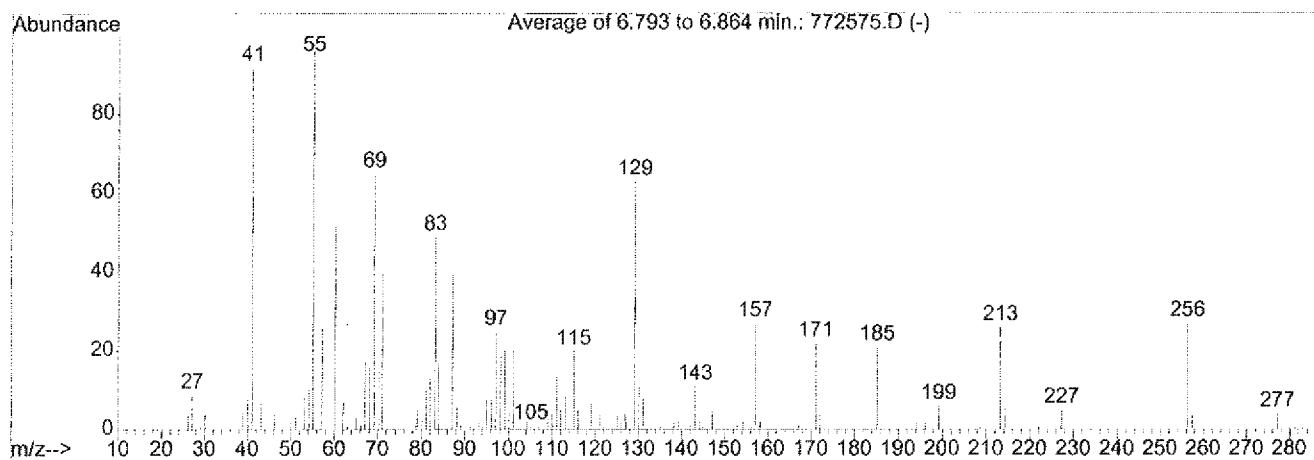
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772575.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 6:22
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 75
AcquisitionMeth: WSCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 5 | 6.81 | C:\DATABASE\NIST98.L | | |
| | | Hexanedioic acid, 3,4-dimethyl-, di | 006076-81-9 | 12 |
| | | Tetradecanoic acid | 000544-63-8 | 10 |
| | | Citric Acid | 000077-92-9 | 10 |



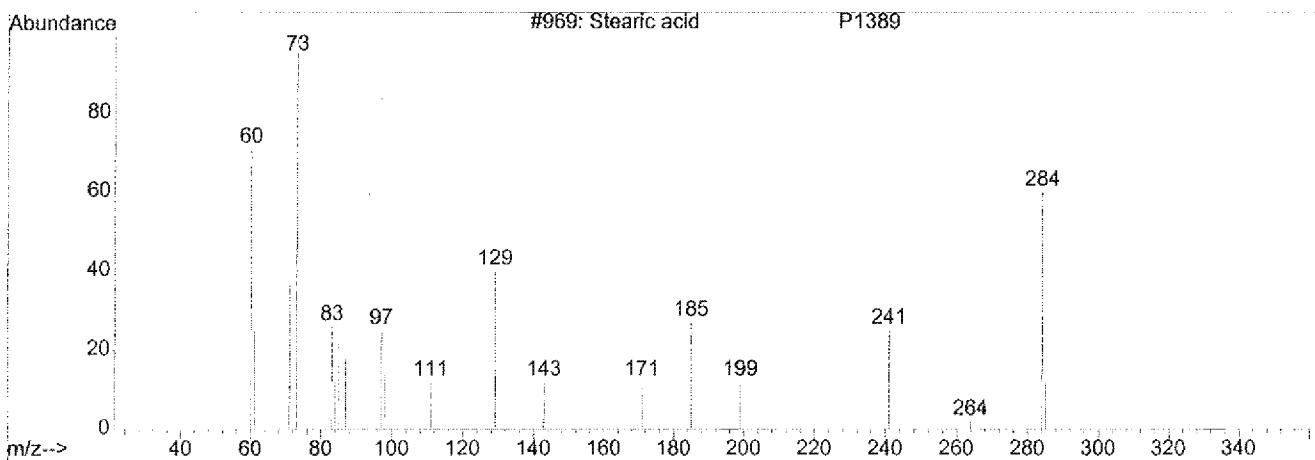
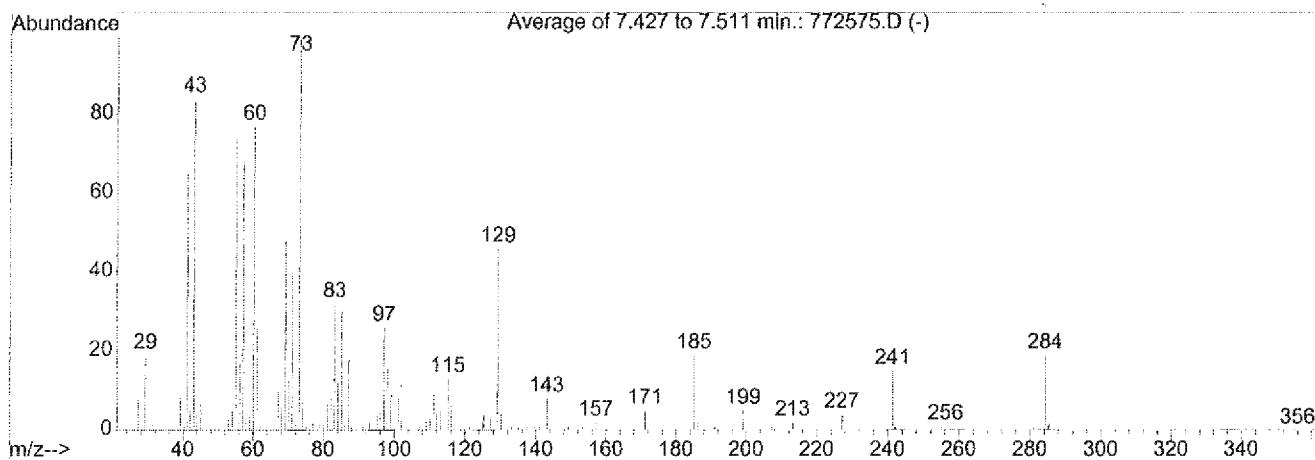
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772575.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 6:22
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 75
AcquisitionMeth: WSCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------|-------------|------|
| 6 | 7.44 | C:\DATABASE\PMW_TOX2.L | | |
| | | Stearic acid | 000057-11-4 | 94 |
| | | Myristic acid | 000544-63-8 | 43 |
| | | Hexadecane | 000544-76-3 | 10 |



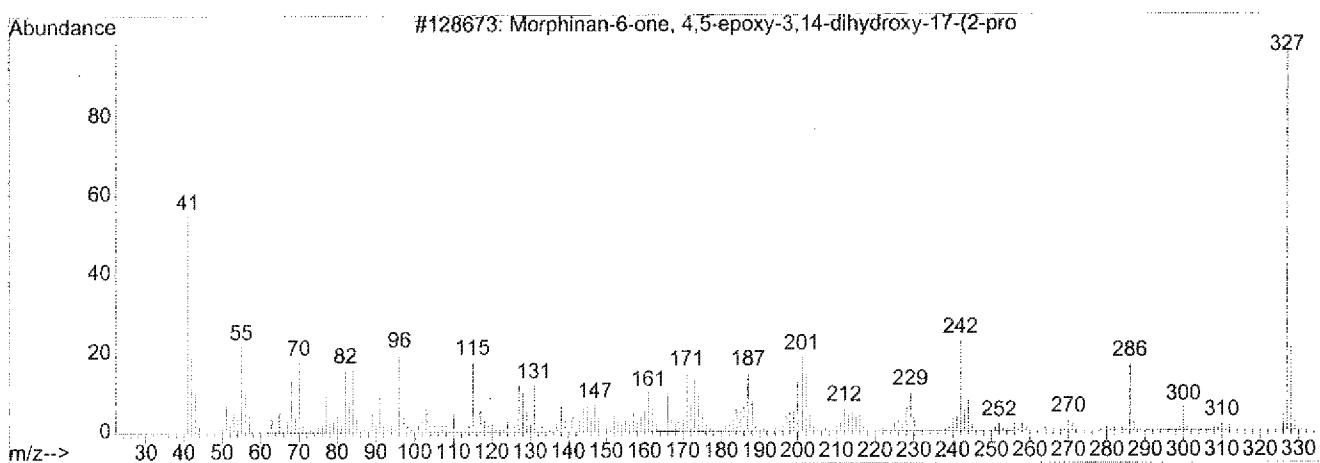
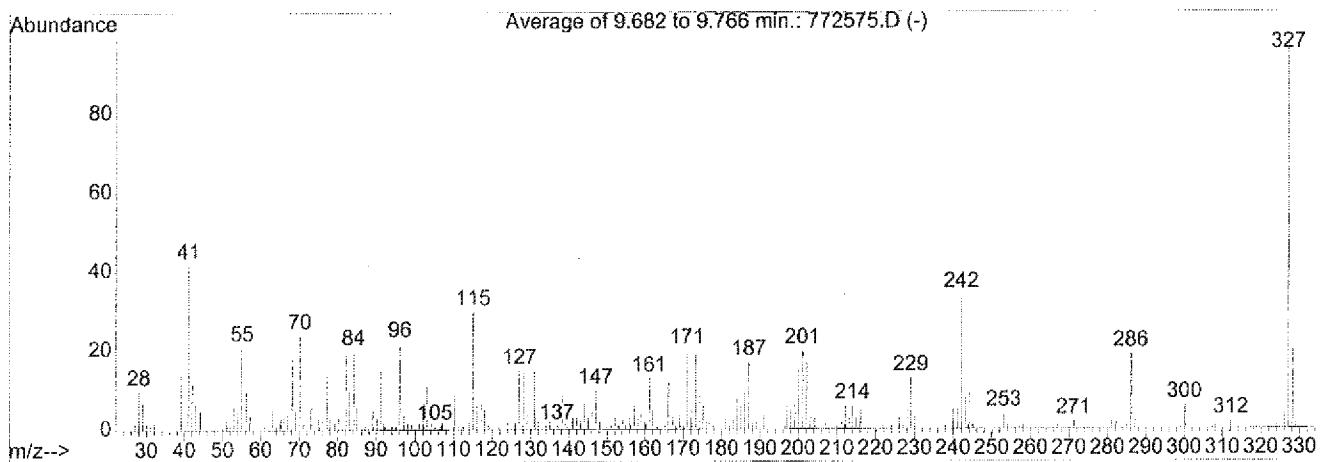
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772575.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 6:22
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 75
AcquisitionMeth: WSCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 7 | 9.71 | C:\DATABASE\NIST98.L | | |
| | | Morphinan-6-one, 4,5-epoxy-3,14-dih | 000465-65-6 | 95 |
| | | Morphinan-6-one, 4,5-epoxy-3,14-dih | 000465-65-6 | 89 |
| | | Morphinan-6-one, 4,5-epoxy-3,14-dih | 000465-65-6 | 50 |



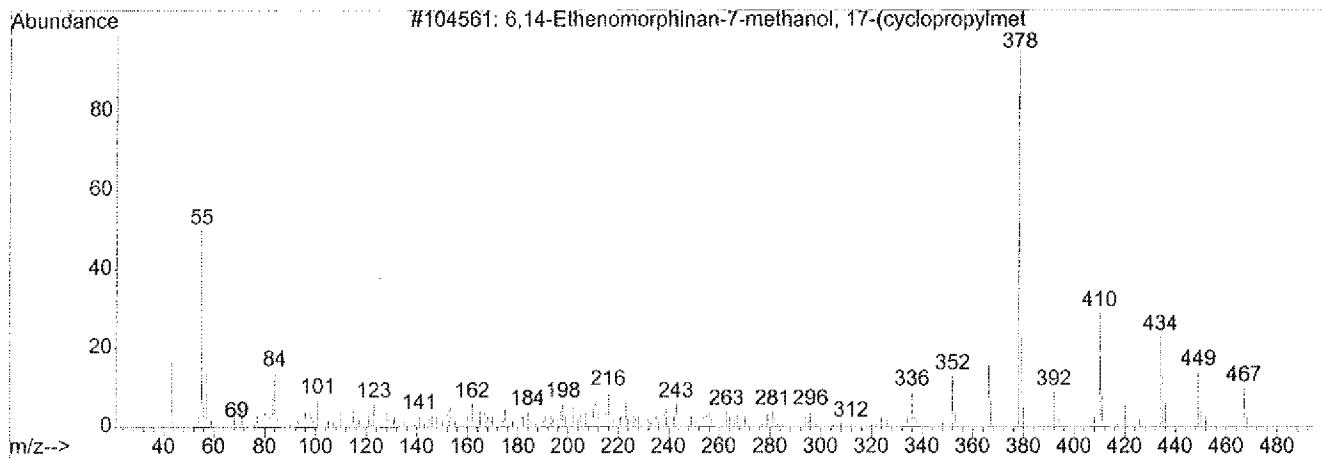
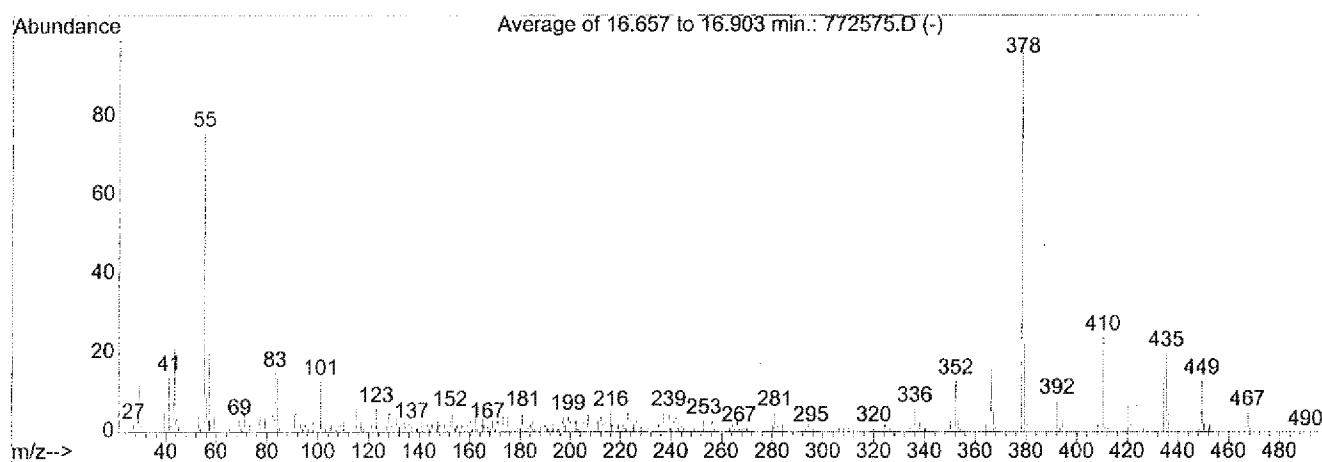
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772575.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 6:22
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 75
AcquisitionMeth: WSCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

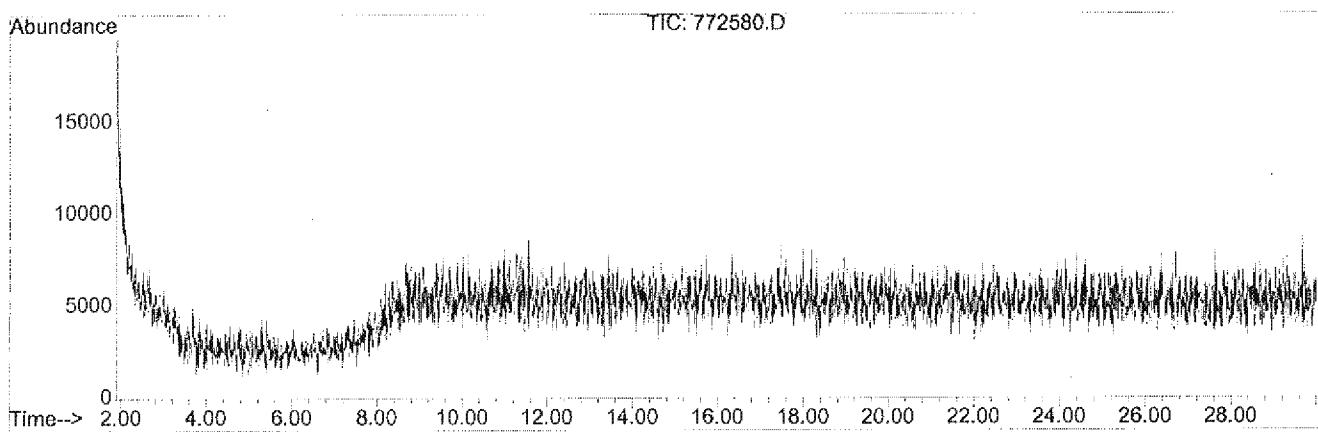
| PK# | RT | Library/ID | CAS# | Qual |
|-----|-------|-------------------------------------|-------------|------|
| 8 | 16.78 | C:\DATABASE\NIST98.L | | |
| | | 6,14-Ethenomorphinan-7-methanol, 17 | 052485-79-7 | 90 |
| | | 6,14-Ethenomorphinan-7-methanol, 17 | 052485-79-7 | 80 |
| | | 1,2,8,9-Dibenzpentacene | 000227-09-8 | 38 |



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772580.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 9:13
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: WSCREEN
Integrator : RTE



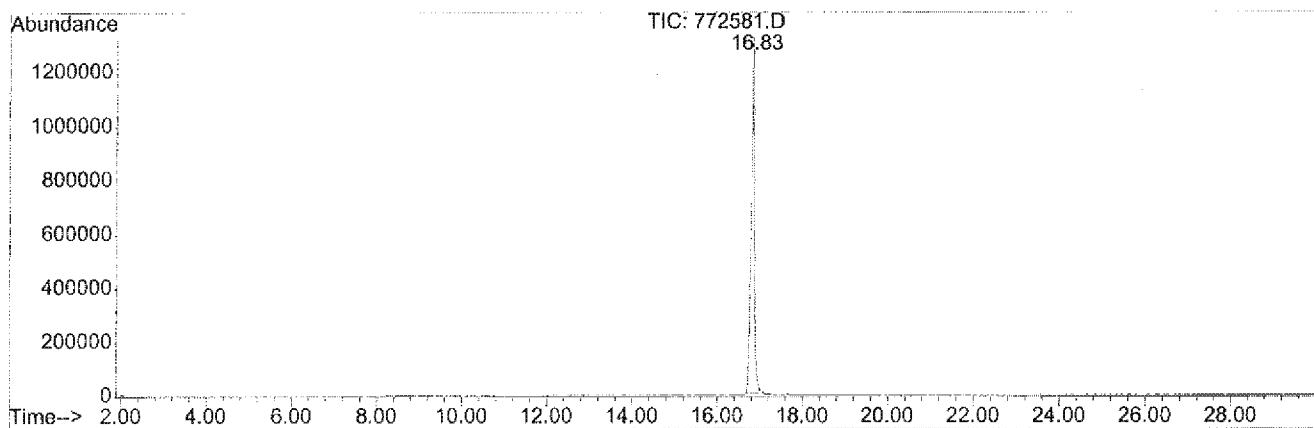
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772581.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 9:47
Sample Name : BUPRENORPHINE STD
Submitted by :
Vial Number : 69
AcquisitionMeth: WSCREEN
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 16.831 | 6899260 | 100.00 | 100.00 |

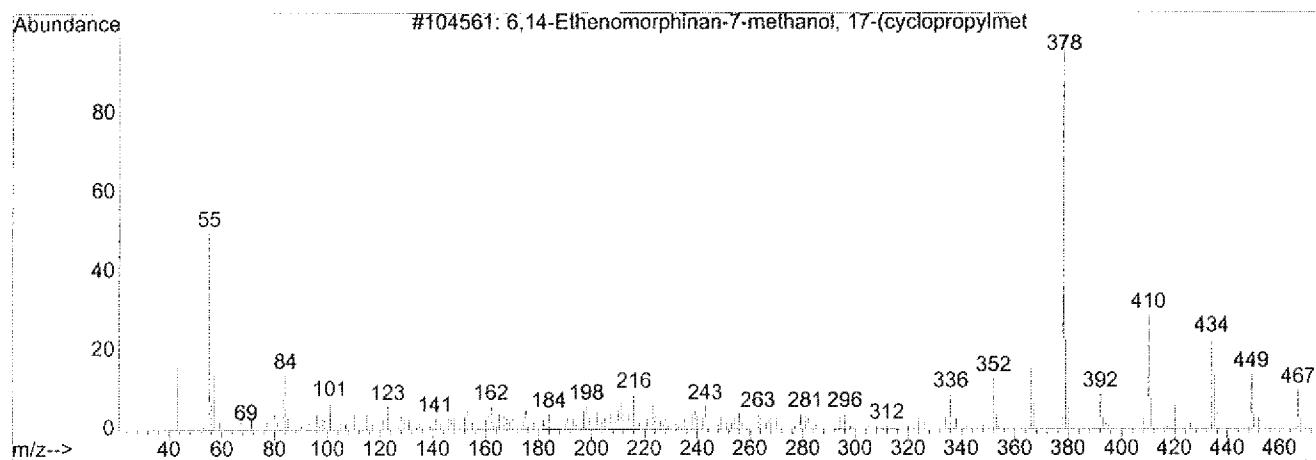
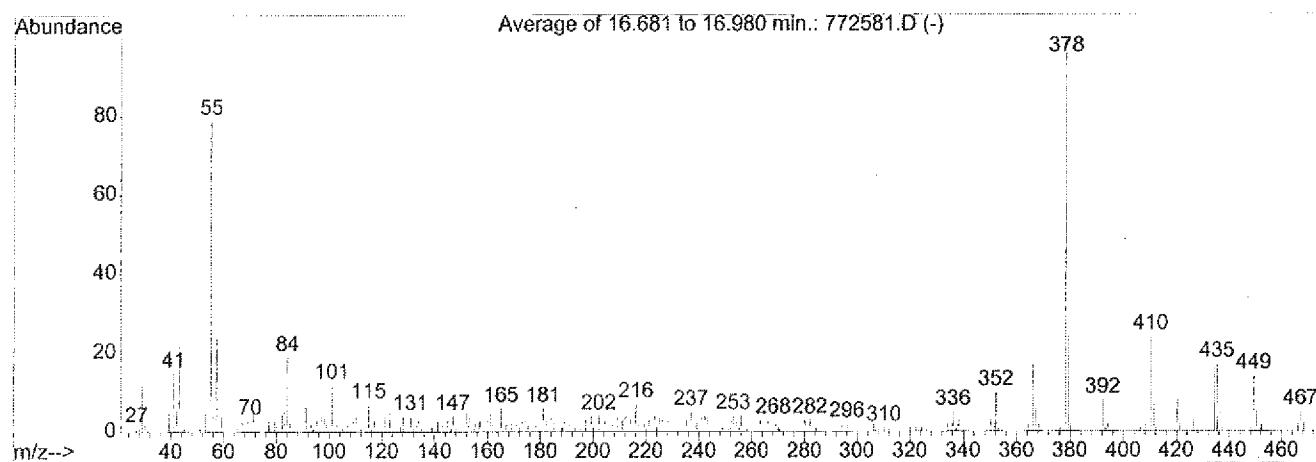
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772581.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 9:47
Sample Name : BUPRENORPHINE STD
Submitted by :
Vial Number : 69
AcquisitionMeth: WSCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

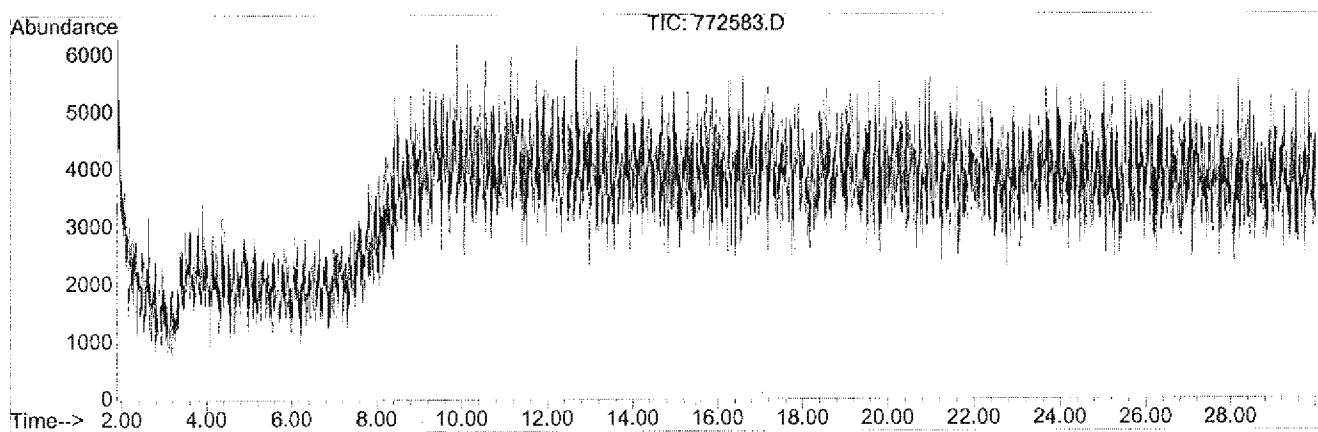
| PK# | RT | Library/ID | CAS# | Qual |
|-----|-------|-------------------------------------|--------------|------|
| 1 | 16.83 | C:\DATABASE\NIST98.L | | |
| | | 6,14-Ethenomorphinan-7-methanol, 17 | 052485-79-7 | 95 |
| | | 6,14-Ethenomorphinan-7-methanol, 17 | 052485-79-7 | 90 |
| | | Anthiaergosta-5,7,9,22-tetraene | 1000213-42-2 | 45 |



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772583.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 10:56
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: SCREEN
Integrator : RTE



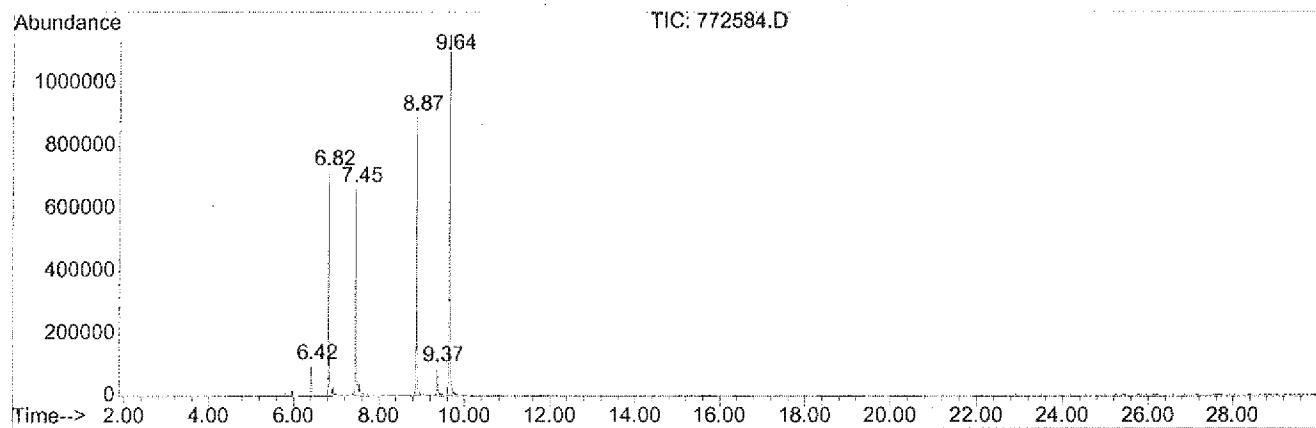
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772584.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 11:30
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 84
AcquisitionMeth: SCREEN
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 6.416 | 174224 | 3.53 | 9.34 |
| 6.817 | 827307 | 16.78 | 44.35 |
| 7.451 | 832670 | 16.89 | 44.63 |
| 8.875 | 1082896 | 21.97 | 58.05 |
| 9.365 | 146537 | 2.97 | 7.85 |
| 9.640 | 1865570 | 37.85 | 100.00 |

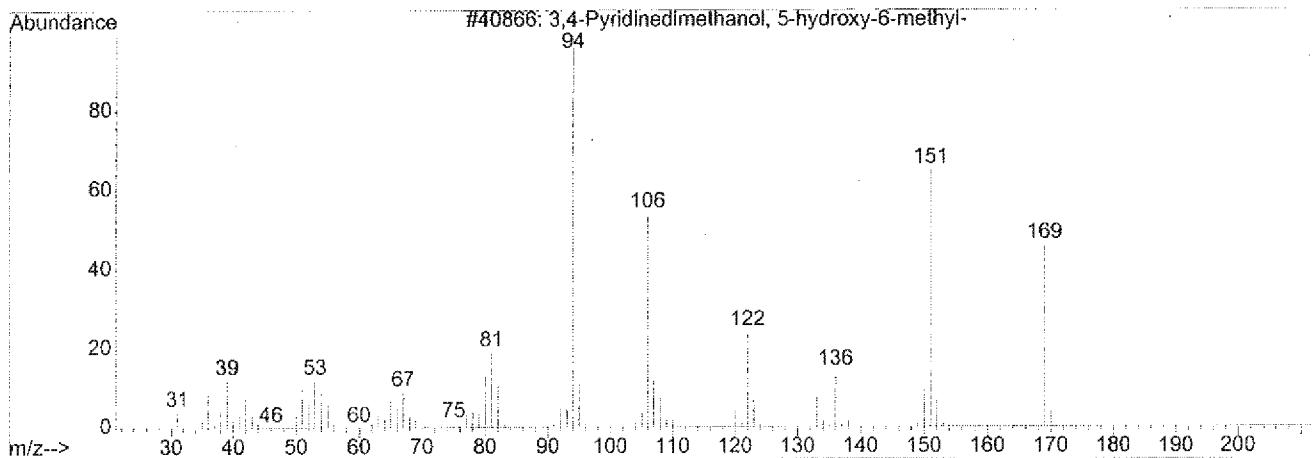
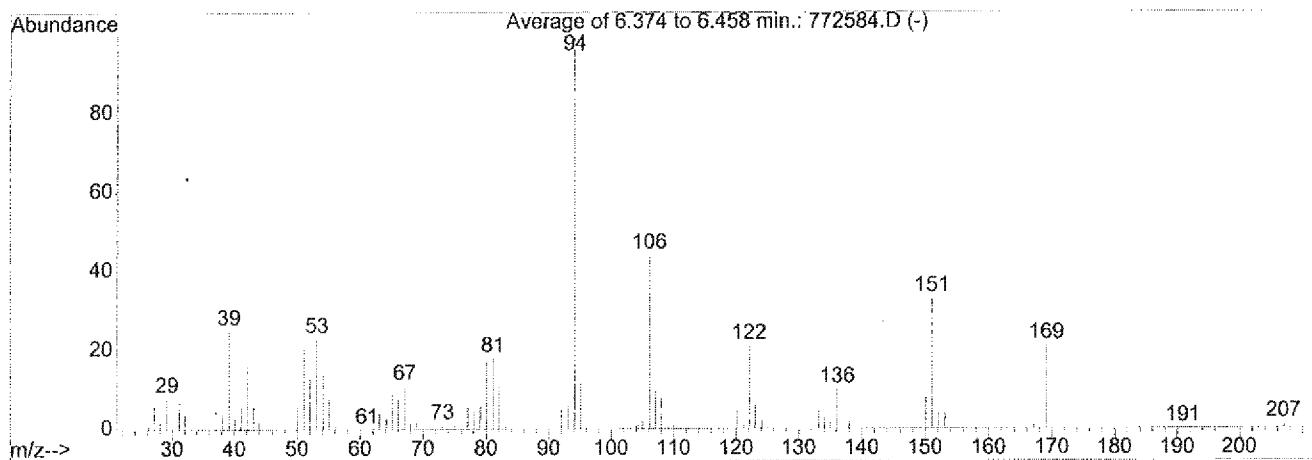
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772584.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 11:30
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 84
AcquisitionMeth: SCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 1 | 6.42 | C:\DATABASE\NIST98.L | | |
| | | 3,4-Pyridinedimethanol, 5-hydroxy-6 | 000065-23-6 | 93 |
| | | 4-Pyridinecarboxaldehyde, 3-hydroxy | 000066-72-8 | 90 |
| | | 3,4-Pyridinedimethanol, 5-hydroxy-6 | 000065-23-6 | 47 |



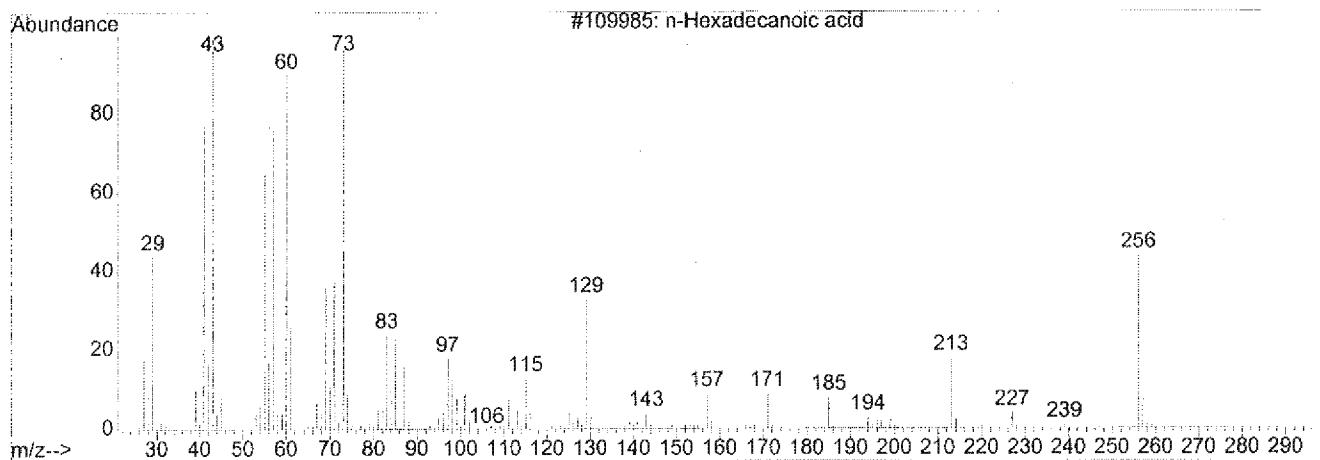
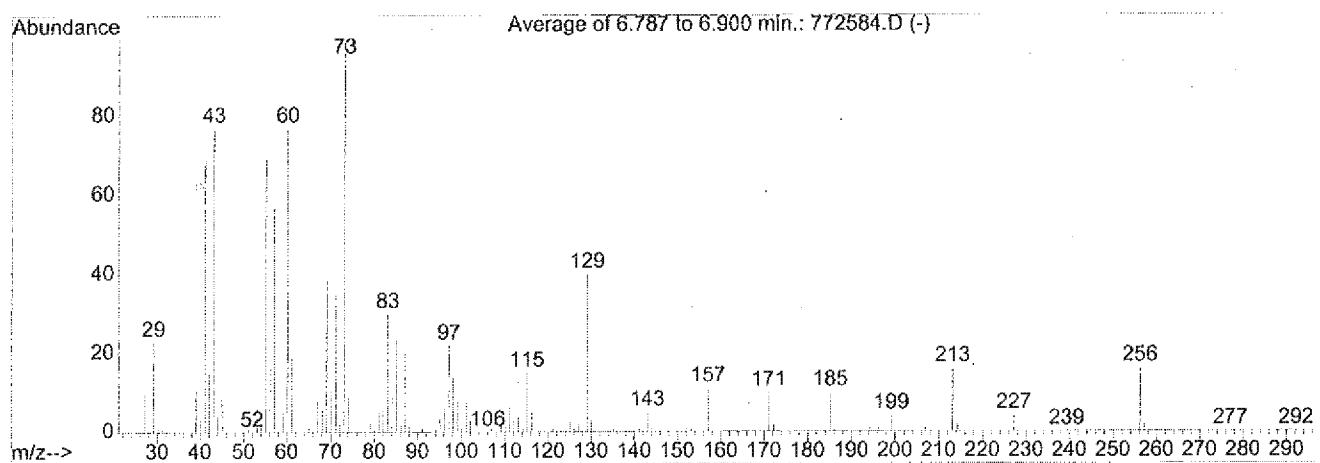
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772584.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 11:30
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 84
AcquisitionMeth: SCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|----------------------|-------------|------|
| 2 | 6.82 | C:\DATABASE\NIST98.L | | |
| | | n-Hexadecanoic acid | 000057-10-3 | 99 |
| | | n-Hexadecanoic acid | 000057-10-3 | 99 |
| | | n-Hexadecanoic acid | 000057-10-3 | 95 |



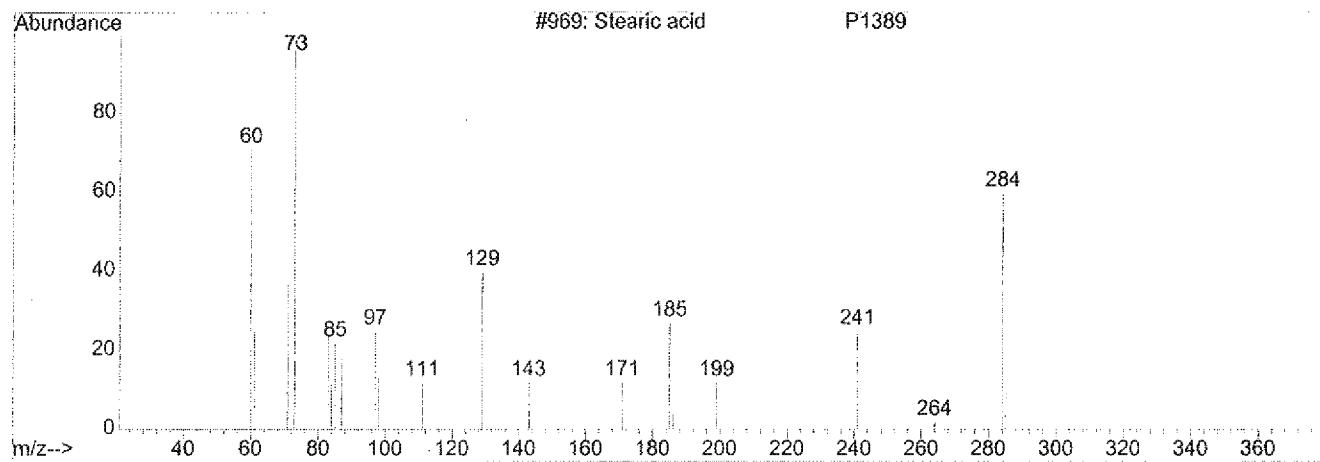
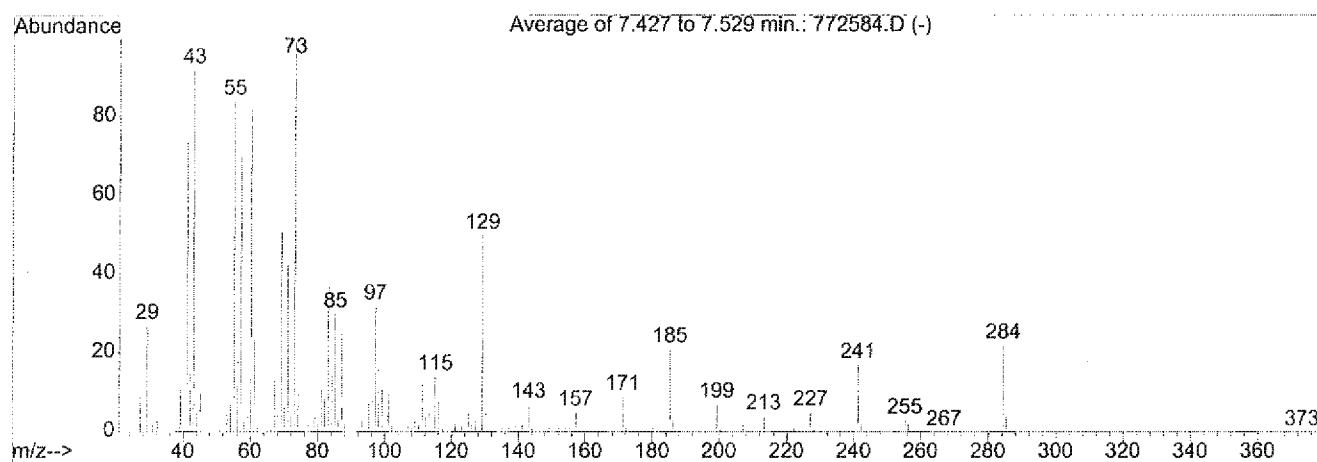
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772584.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 11:30
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 84
AcquisitionMeth: SCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------|-------------|------|
| 3 | 7.45 | C:\DATABASE\PMW_TOX2.L | | |
| | | Stearic acid | 000057-11-4 | 91 |
| | | Myristic acid | 000544-63-8 | 58 |
| | | Hexadecane | 000544-76-3 | 10 |



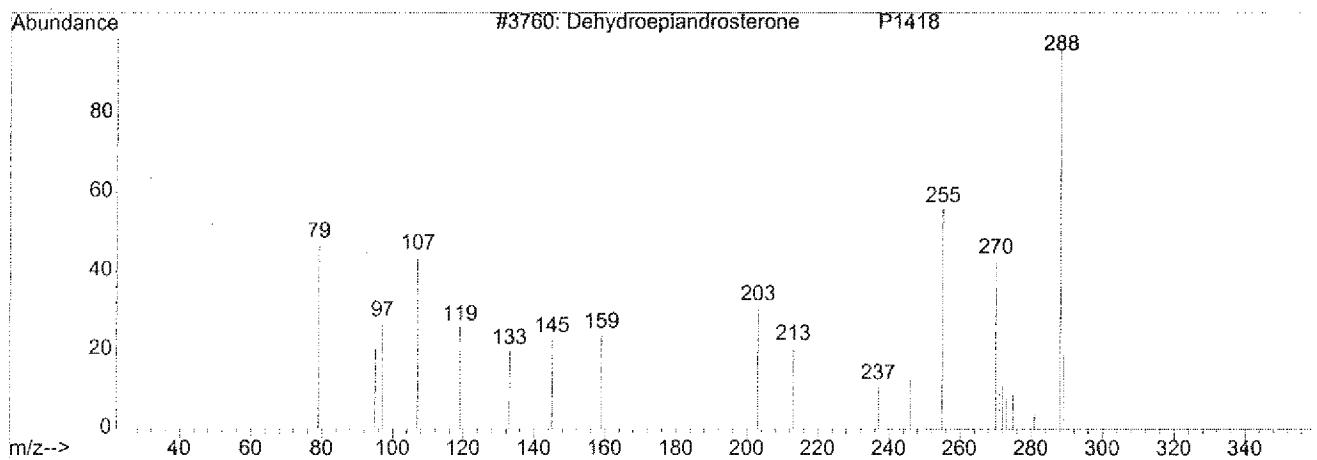
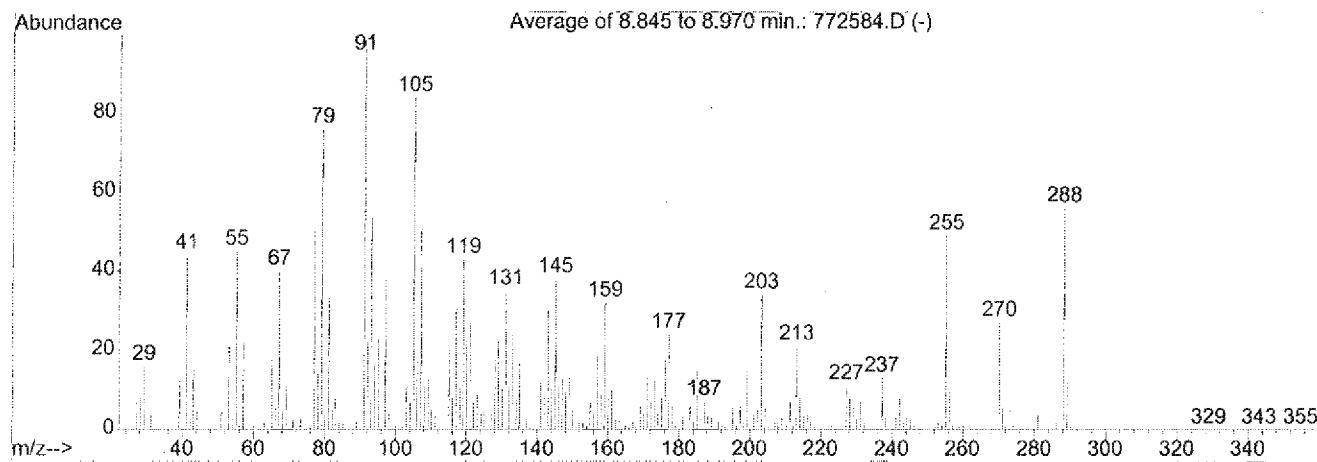
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772584.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 11:30
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 84
AcquisitionMeth: SCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------|-------------|------|
| 4 | 8.87 | C:\DATABASE\PMW_TOX2.L | | |
| | | Dehydroepiandrosterone | 000053-43-0 | 99 |
| | | Benzylamine | 000100-46-9 | 10 |
| | | Captan | 000133-06-2 | 9 |



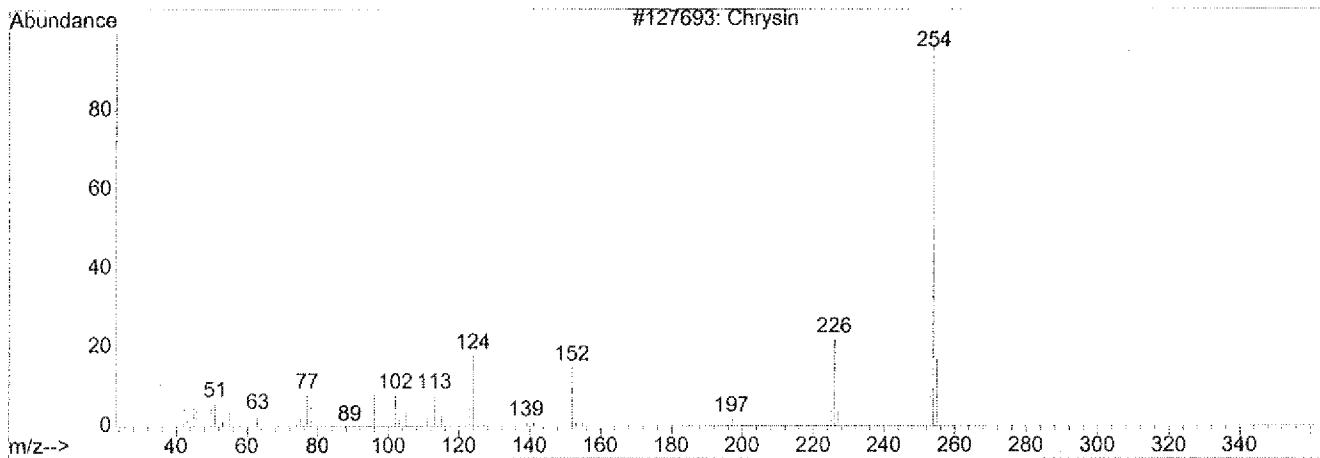
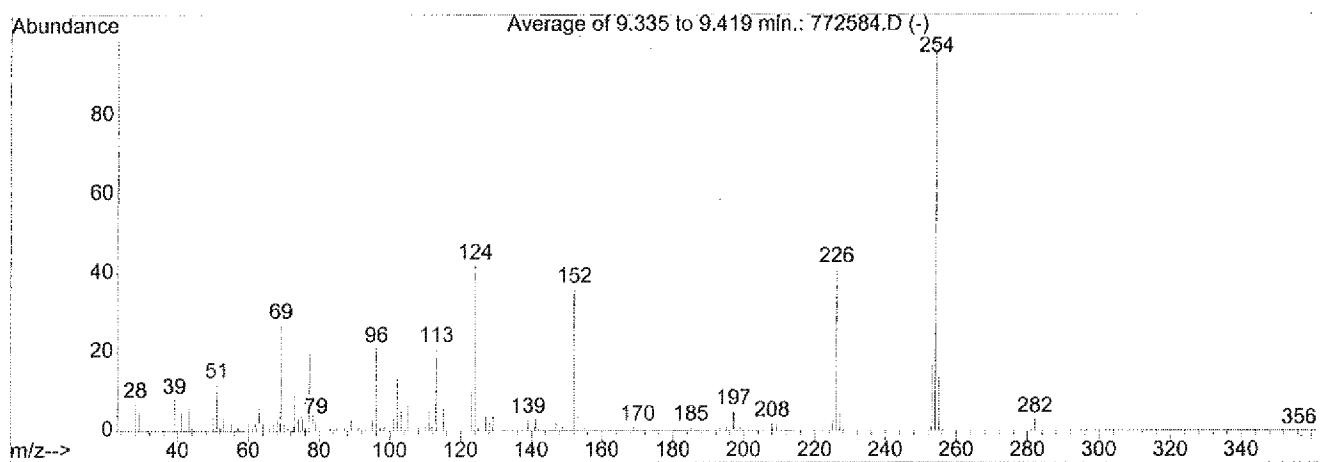
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772584.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 11:30
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 84
AcquisitionMeth: SCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------|-------------|------|
| 5 | 9.37 | C:\DATABASE\NIST98.L | | |
| | | Chrysin | 000480-40-0 | 93 |
| | | Chrysin | 000480-40-0 | 87 |
| | | Phenanthrene, 2-phenyl- | 004325-77-3 | 35 |



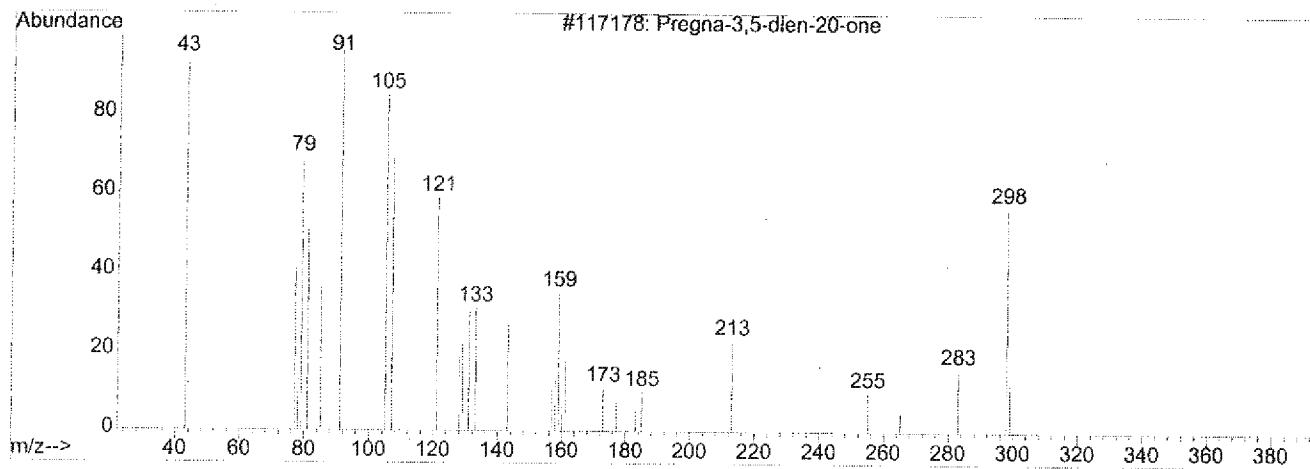
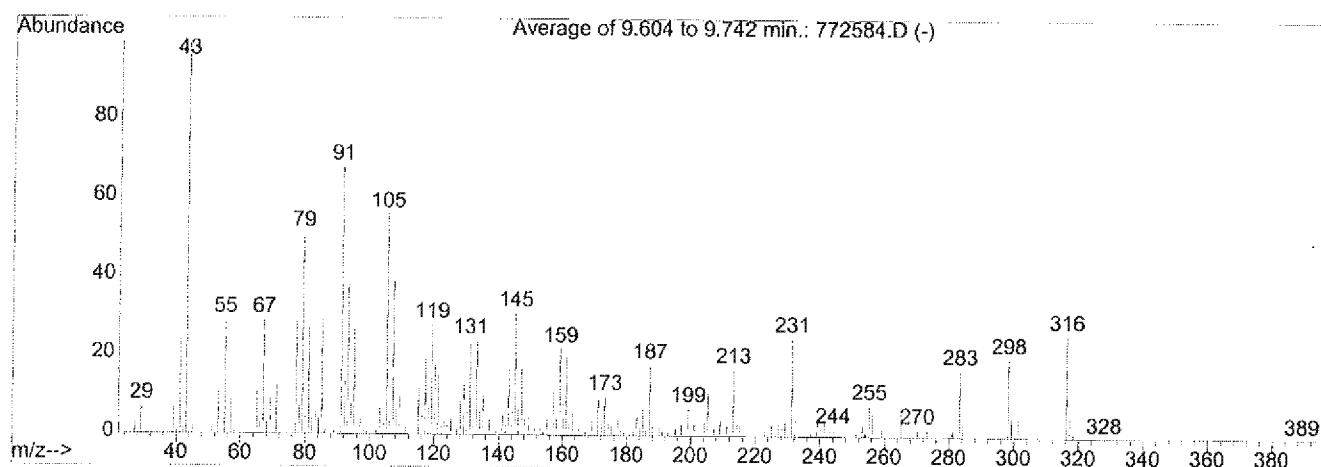
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\02_17_11\772584.D
Operator : P. PIRO
Date Acquired : 18 Feb 2011 11:30
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 84
AcquisitionMeth: SCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

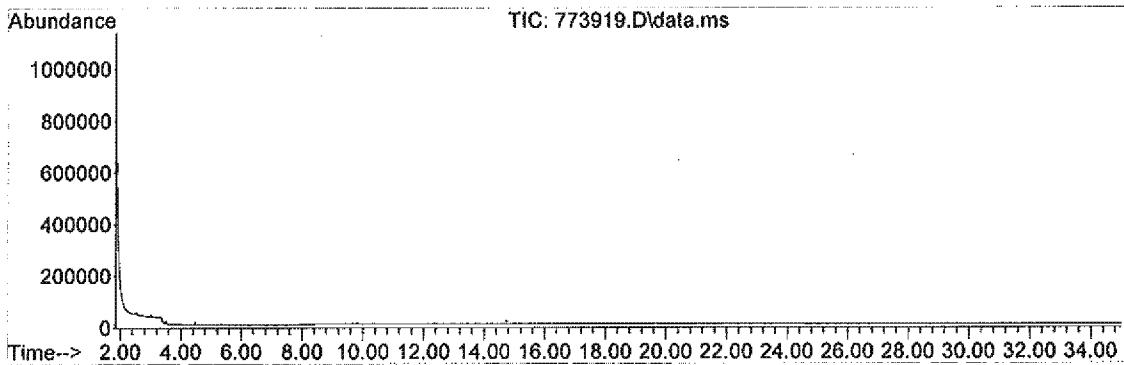
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------|-------------|------|
| 6 | 9.64 | C:\DATABASE\NIST98.L | | |
| | | Pregna-3,5-dien-20-one | 001093-87-4 | 87 |
| | | Pregn-5-en-20-one, 3-hydroxy- | 038372-24-6 | 83 |
| | | Tretinoin | 000302-79-4 | 38 |



VKAC
9/19/11

Information from Data File:

File Name : K:\02_26_11\773919.D
Operator : ASD/KAC
Date Acquired : 26 Feb 2011 21:21
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: VIAGRA.M
Integrator : RTE

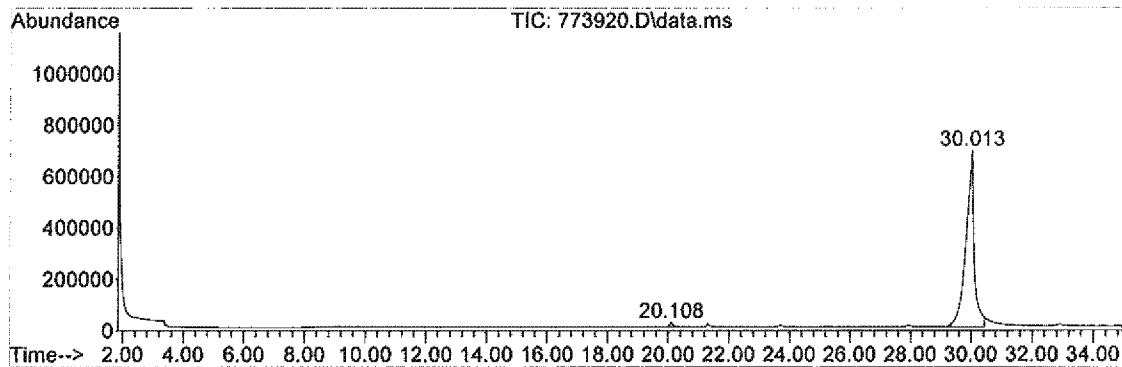


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : K:\02_26_11\773920.D
Operator : ASD/KAC
Date Acquired : 26 Feb 2011 22:00
Sample Name : SILDENAFIL STD
Submitted by : ASD
Vial Number : 20
AcquisitionMeth: VIAGRA.M
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|----------|--------|---------|
| 20.108 | 108051 | 0.83 | 0.84 |
| 30.013 | 12846081 | 99.17 | 100.00 |

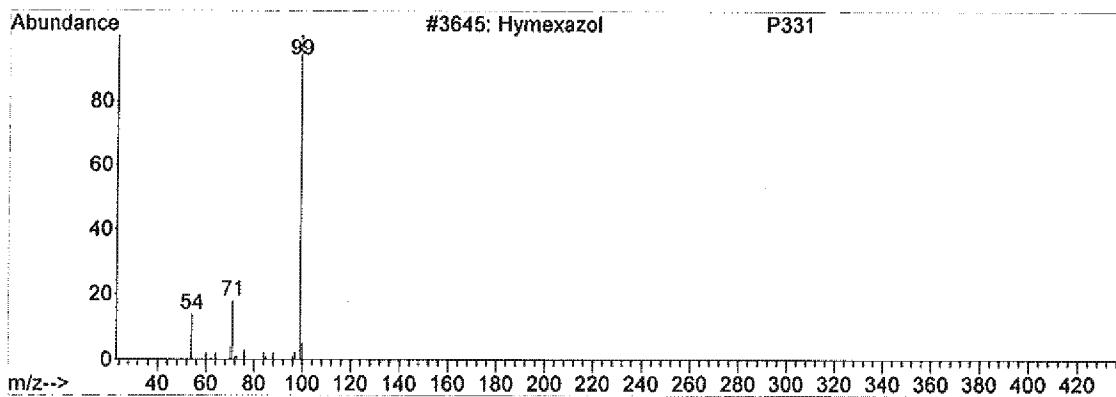
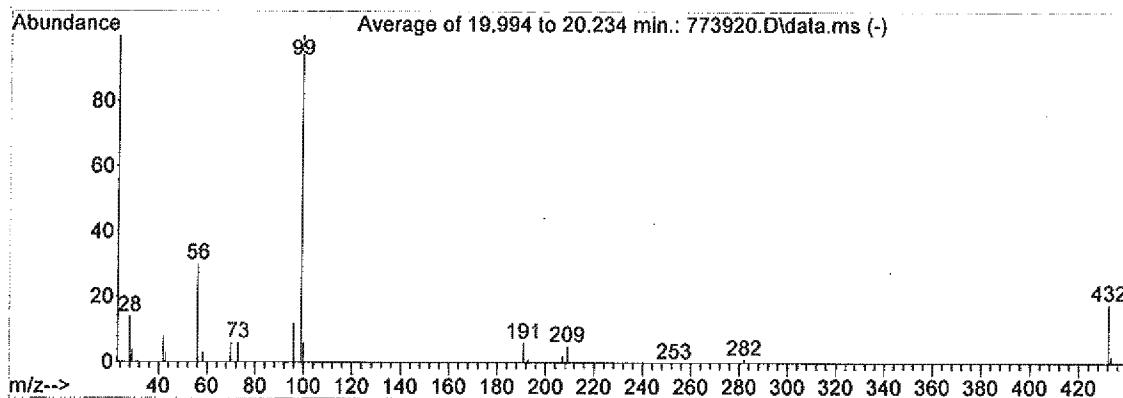
Area Percent / Library Search Report

Information from Data File:

File Name : K:\02_26_11\773920.D
Operator : ASD/KAC
Date Acquired : 26 Feb 2011 22:00
Sample Name : SILDENAFIL STD
Submitted by : ASD
Vial Number : 20
AcquisitionMeth: VIAGRA.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|-------|------------------------|---------------|------|
| 1 | 20.11 | C:\Database\PMW_TOX2.L | | |
| | | Hymexazol | 010004-44-1 | 5 |
| | | Diphenylpyraline | 000147-20-6 | 2 |
| | | PICC | @ 000000-00-0 | 2 |

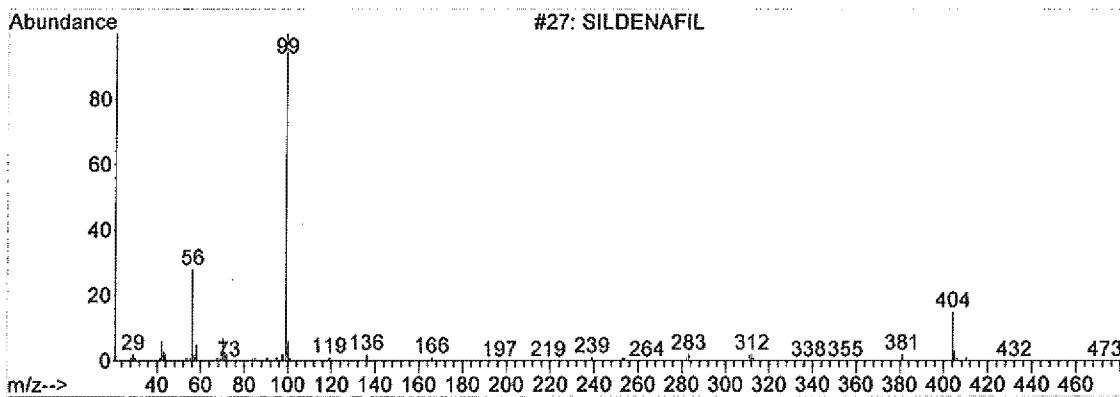
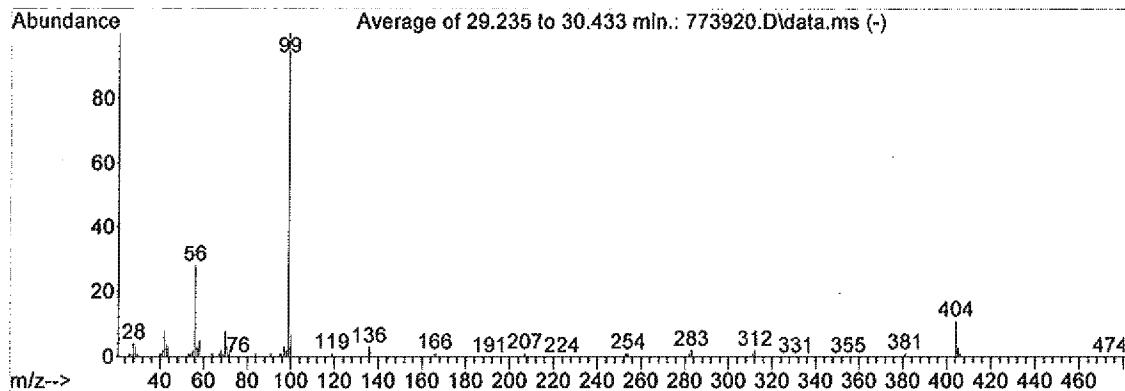


Information from Data File:

File Name : K:\02_26_11\773920.D
Operator : ASD/KAC
Date Acquired : 26 Feb 2011 22:00
Sample Name : SILDENAFIL STD
Submitted by : ASD
Vial Number : 20
AcquisitionMeth: VIAGRA.M
Integrator : RTE

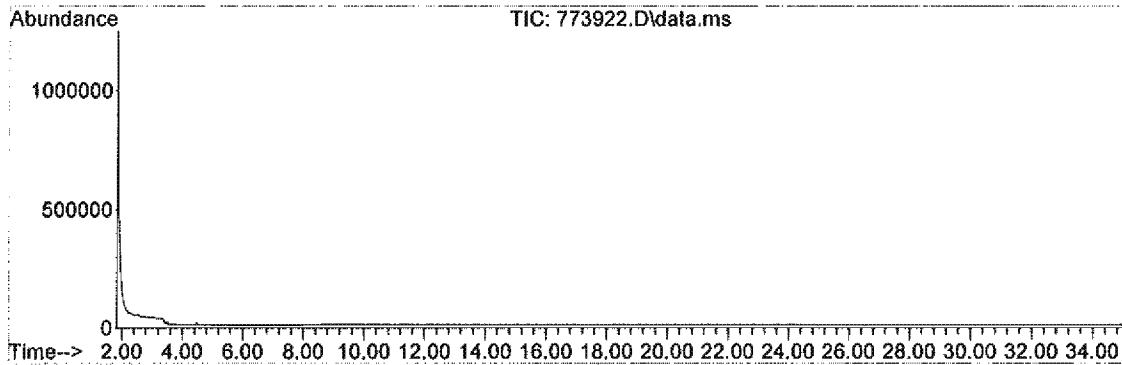
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|-------|-------------------|-------------|------|
| 2 | 30.01 | C:\Database\SLI.L | | |
| | | SILDENAFIL | 139755-83-2 | 83 |
| | | SILDENAFIL | 139755-83-2 | 83 |



Information from Data File:

File Name : K:\02_26_11\773922.D
Operator : ASD/KAC
Date Acquired : 26 Feb 2011 23:16
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: VIAGRA.M
Integrator : RTE

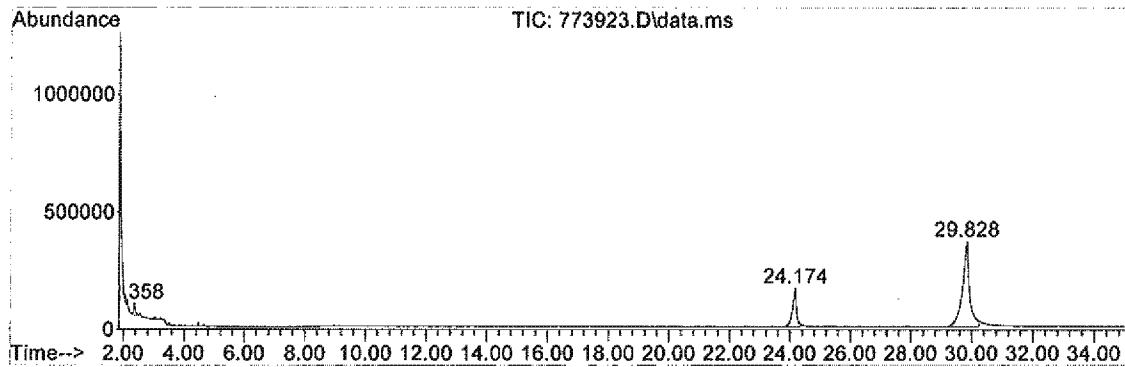


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : K:\02_26_11\773923.D
Operator : ASD/KAC
Date Acquired : 26 Feb 2011 23:53
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 23
AcquisitionMeth: VIAGRA.M
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 2.358 | 184372 | 2.40 | 3.09 |
| 24.174 | 1538667 | 20.03 | 25.82 |
| 29.828 | 5958267 | 77.57 | 100.00 |

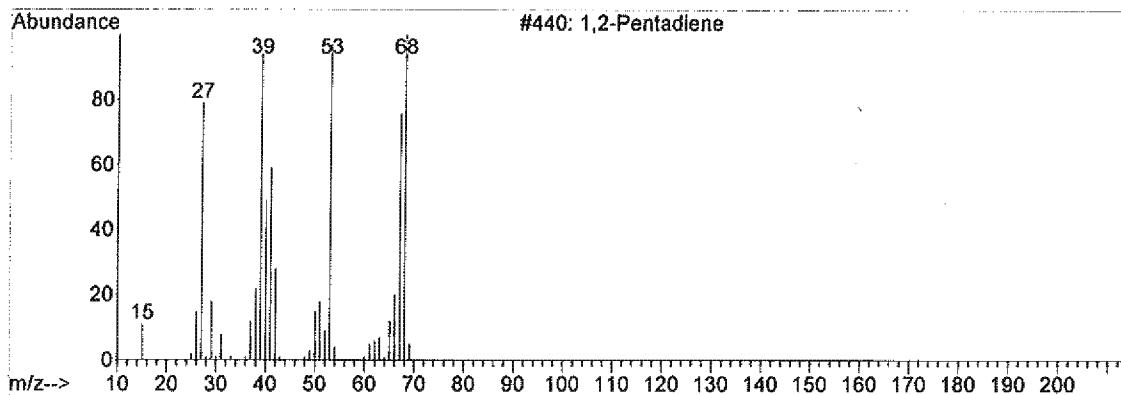
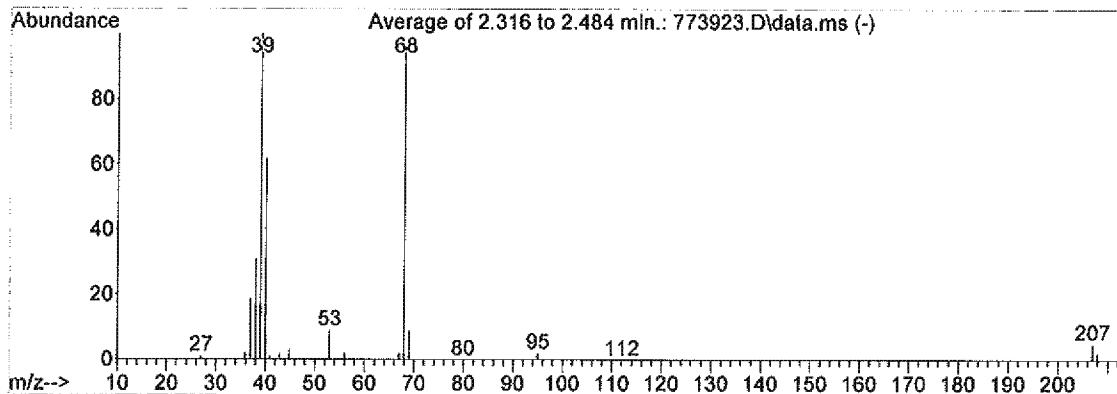
Area Percent / Library Search Report

Information from Data File:

File Name : K:\02_26_11\773923.D
Operator : ASD/KAC
Date Acquired : 26 Feb 2011 23:53
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 23
AcquisitionMeth: VIAGRA.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|---------------------------|-------------|------|
| 1 | 2.36 | C:\Database\NIST08.L | | |
| | | 1,2-Pentadiene | 000591-95-7 | 83 |
| | | 2H-Pyran-2-one | 000504-31-4 | 83 |
| | | 2,5-Furandione, 3-methyl- | 000616-02-4 | 83 |

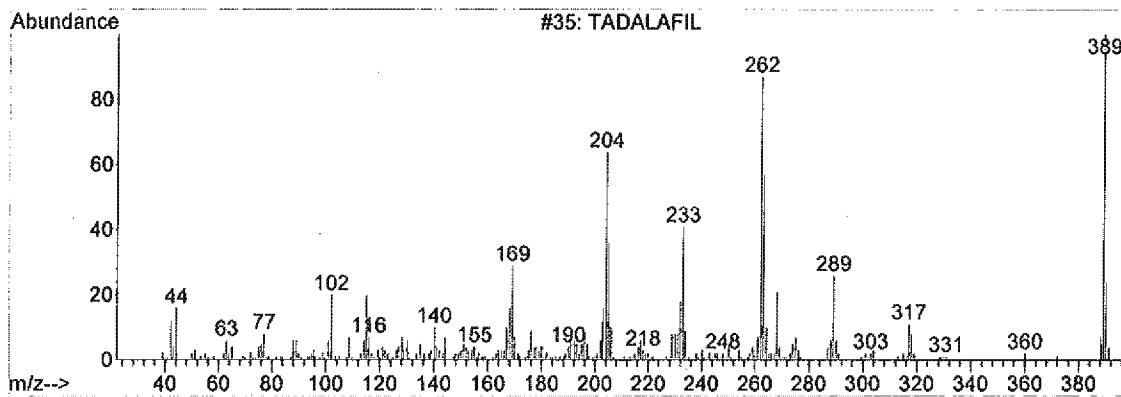
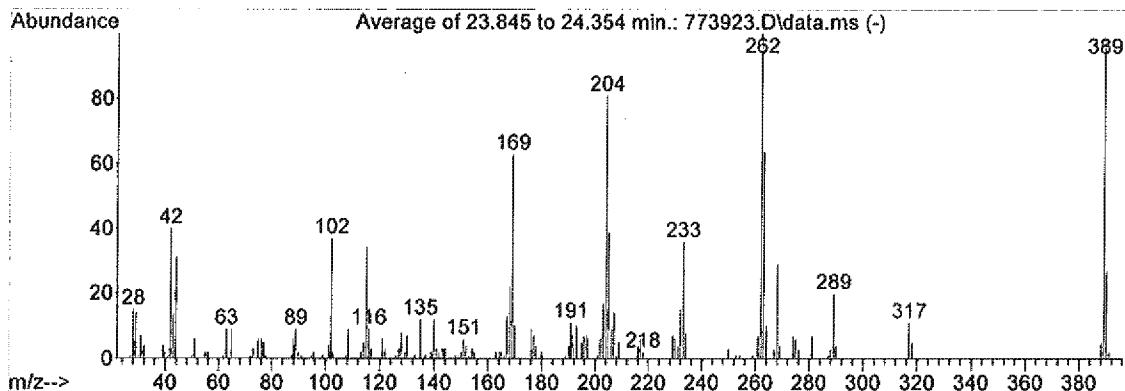


Information from Data File:

File Name : K:\02_26_11\773923.D
Operator : ASD/KAC
Date Acquired : 26 Feb 2011 23:53
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 23
AcquisitionMeth: VIAGRA.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|-------|--------------------------------|-------------|------|
| 2 | 24.17 | C:\Database\SLI.L TADALAFIL | 171596-29-5 | 83 |

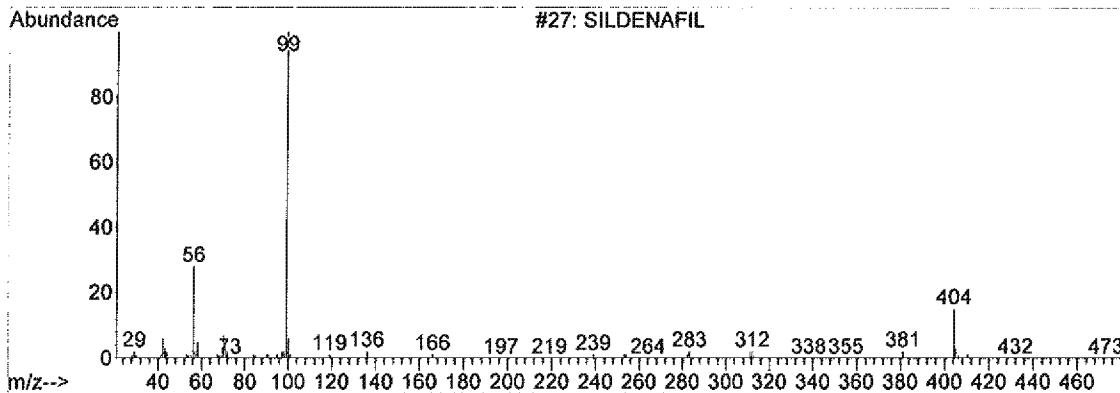
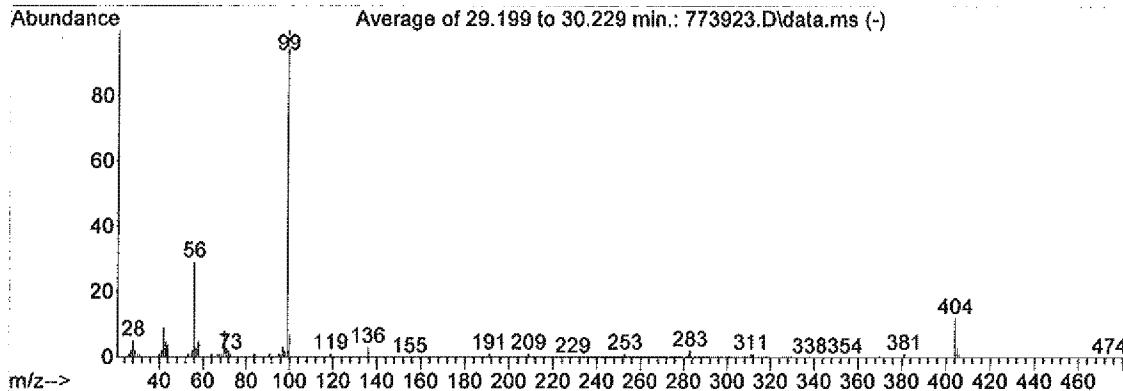


Information from Data File:

File Name : K:\02_26_11\773923.D
Operator : ASD/KAC
Date Acquired : 26 Feb 2011 23:53
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 23
AcquisitionMeth: VIAGRA.M
Integrator : RTE

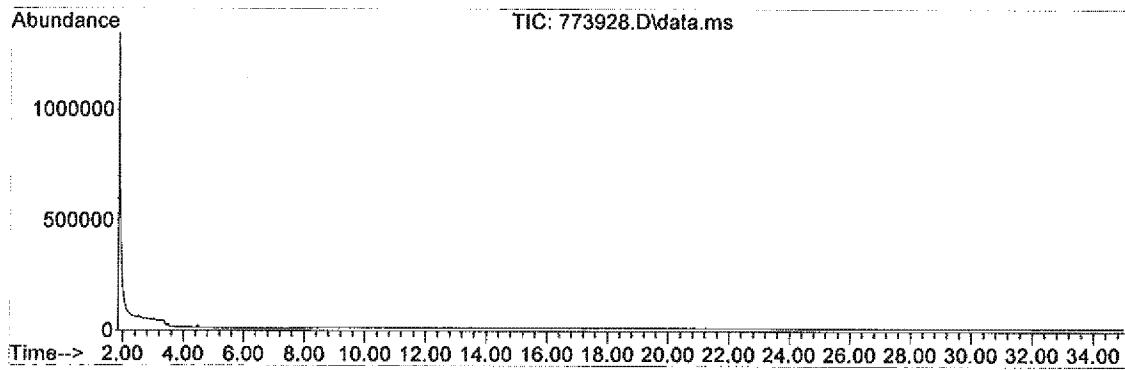
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|-------|-------------------|-------------|------|
| 3 | 29.83 | C:\Database\SLI.L | | |
| | | SILDENAFIL | 139755-83-2 | 90 |
| | | SILDENAFIL | 139755-83-2 | 83 |



Information from Data File:

File Name : K:\02_26_11\773928.D
Operator : ASD/KAC
Date Acquired : 27 Feb 2011 3:04
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: VIAGRA.M
Integrator : RTE

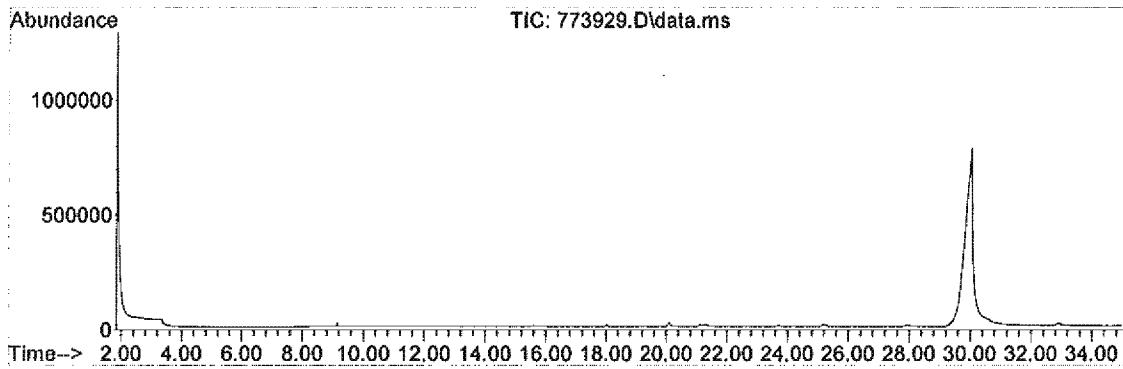


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : K:\02_26_11\773929.D
Operator : ASD/KAC
Date Acquired : 27 Feb 2011 3:42
Sample Name : SILDENAFIL STD
Submitted by : ASD
Vial Number : 20
AcquisitionMeth: VIAGRA.M
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Library Searched : C:\Database\NIST08.L
Quality : 91
ID : Viagra

